2019.12

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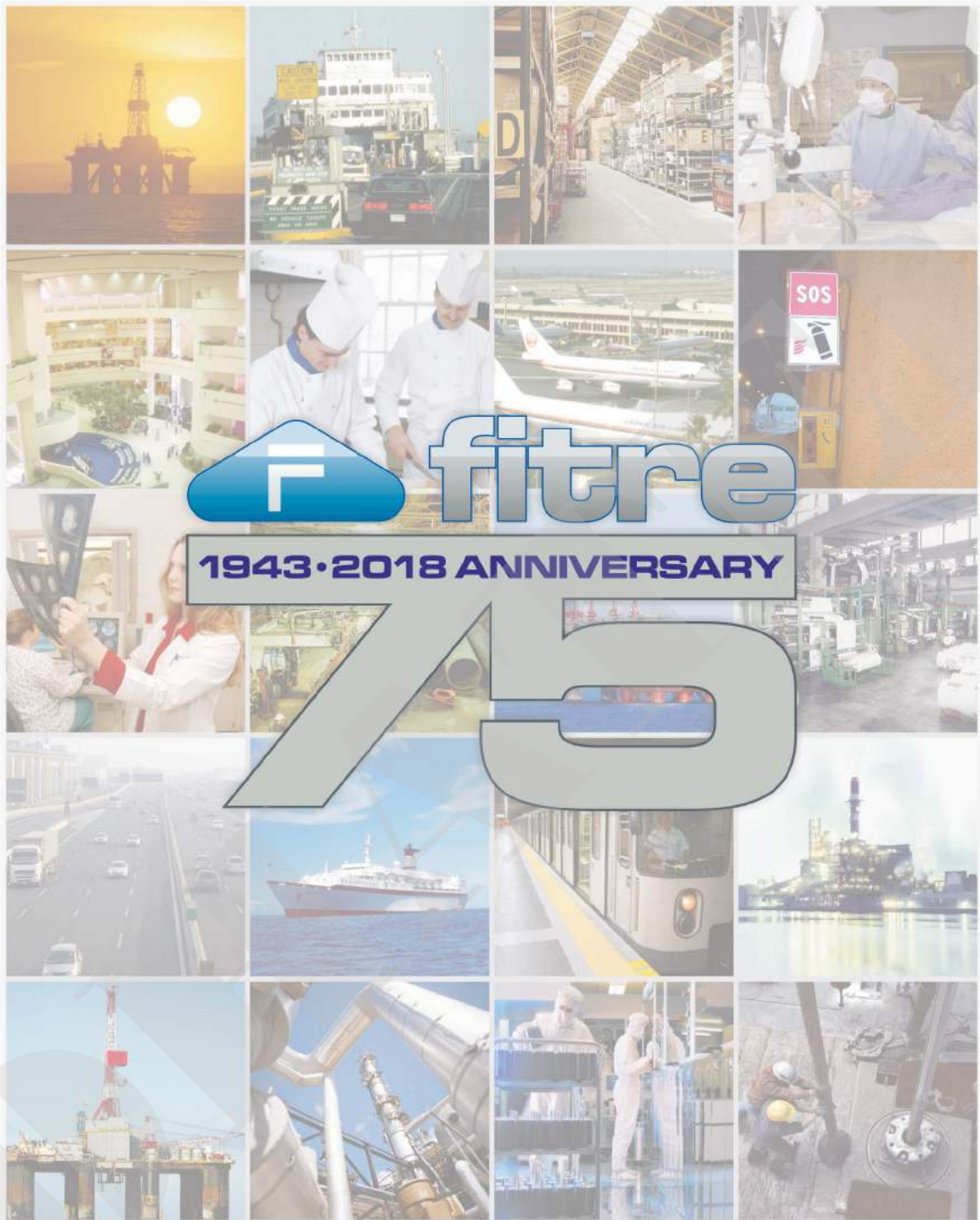Telecom & Safety Solutions

Catalogo Prodotti di Telecomunicazione per Impieghi Speciali
Special Purpose Telecommunication Products Catalogue
2019.12.r17 Complete Edition - English Version

FITRE is an industrial Company that has an enviable experience in the production of special communication equipment, as result of a more than seventy-five years presence in this sector, developing its products entirely in its own R&D laboratories, supporting the most innovative technologies and meeting the most stringent standards.

Therefore, since its foundation, **FITRE** bases its success on technical innovation and customer support.

Main activities concern products and equipment for Net Carriers, products and systems for Industrial Telecommunications and Public Emergency, products for SOHO and Business Telecommunications.

FITRE is also active in developing products and systems for communications and safety in hard environments, such as industrial plants, transports and public areas on territory.

To explore the different solutions, the wide range of products and to verify their conformity to your requirements, we invite you to visit our website **www.fitresistemi.com**

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mightn't find in here
the right product
you're looking for …

… if that happens,
please, ask us for a
customized solution,
exploiting our skills
and our Italian wit,
to suit your needs.

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Index

INDOOR

P/N 7564410H   TONO VOIP 8M-250MT

Operator Console suitable for Control Room and Supervisor suitable for handling:
- Emergency calls
- Telephone, Intercom and Emergency & Information functions
- Public Address and Alarm functions (P.A. and PAGA)
- Diagnostic functions, including the audio tests on handset, on hands-free as well on the auxiliary audio output
- 8 memory keys with LED

HANDSET/HANDS-FREE

DESK MOUNTING

IP30

0°C to + 50°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 190,0 x 133,0 x 234,0   weight 1,75 kg

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P/N 7564449H   TONO VOIP 48M-250MT

Operator Console suitable for Control Room and Supervisor suitable for handling:
- Emergency calls
- Telephone, Intercom and Emergency & Information functions
- Public Address and Alarm functions (P.A. e PAGA)
- Diagnostic functions, including the audio tests on handset, on hands-free as well on the auxiliary audio output
- 48 memory keys with LED

HANDSET/HANDS-FREE

DESK MOUNTING

IP30

0°C to + 50°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 285,0 x 133,0 x 234,0

P/N 7564482H   TONO VOIP 88MEM-250MT

Operator Console suitable for Control Room and Supervisor equipped for handling:
- Emergency calls
- Telephone, Intercom, Emergency & Information functions
- Public Address and Alarm functions (P.A. & PAGA)
- Diagnostic functions, including the audio tests of handset, of hands-free as well as of the auxiliary audio outputs
- 88 memory keys with LED
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostic

HANDSET/HANDS-FREE

DESK MOUNTING

IP30

0°C to + 50°C

VOIP-VOIP-LINE LENGTH:

Option:
Remote Monitoring by ASTRO System Manager

P/N 7564447   Gooseneck Microphone   **Accessory for TONOVOIP telephone sets**

Compact die-cast metal base with gooseneck, 480 mm length, for TONOVOIP telephone sets for P.A. announcement

dimensions mm footprint Ø120,0 x 480,0   weight 1,7 kg

INDOOR

P/N 7128180   TF615IP

Digital telephone PoE compatible
- two SIP account • one IAX2 account
- handsfree
- multifunction graphics display
- 4 function keys with LED • 3 fixed function keys
- RJ9 jack for headset
- switch 2 doors
- desk/wall mounting

HANDSET/HANDS-FREE

DESK/WALL MOUNTING

dimensions mm (W x H) footprint 190,0 x 170,0   weight 990 g

P/N 7128181   DSS615

Accessory for TF615IP

External console with 26 programmable function keys each with two-color LED

DESK MOUNTING

dimensions mm (W x H x D) 90,0 x 170,0 x 120,0   weight 275 g

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P/N 7128752   DECT300-HANDSET

- HD audio support (G.722)
- 2'' TFT display (176x220)
- Polyphonic ring tones
- Local phonebook (100 entries)
- Remote (LDAP) and Central (3000 entries) phonebooks
- Headset connector (3.5mm) G722 codec for HD audio
- G726 codec for standard audio

IP20

-10°C to +50°C

P/N 7128777   DECT113-BASE RADIO

- Up to 3 repeaters per base station
- Wide band audio
- Automatic registration
- Max. 3 repeaters in daisy chain
- Indoor cabinet
- Manual mounting kit
- Easily mounted on walls
- 12 slot support
- Handling of 5 active narrow-band calls simultaneously
- Handling of 2 active wide-band calls simultaneously
- DECT encryption

WALL MOUNTING

IP20

-10°C to +50°C

dimensions 120,0 x 135,0 x 35,0 mm

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INDOOR

P/N 7549070 SEL3010IP - RADIO REPEATER

- Frequency band: 1880 MHz – 1930 MHz (DECT)
  1880 – 1900 MHz (10 carriers)
  Europe - 1910 – 1930 MHz (10 carriers)
  Latam - 1920 – 1930 MHz (5 carriers)
  USand customized frequency bands
- Four power levels (14, 17, 20 and 24 dBm)
- Seamless handover using connection handover

WALL MOUNTING

IP20

- 5°C to + 55° C

dimensions 150,0 x 210,5 x 58,0 mm

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INDOOR

P/N 7575121   DAP 54-16 /20

Console DAP EN 54-16 /20

The DAP EN 54-16 /60 operator station is part of the Fitre certified EN54-16 PA system. It allows you to manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other defined functions from the requirements of the EN54-16 standard.

dimensions mm (W x H x D) 191,0 x 133,0 x 234,0

HANDS-FREE

DESK MOUNTING

P/N 7575122   DAP 54-16 /60

Console DAP EN 54-16 /60

The DAP EN 54-16 /60 operator station is part of the Fitre certified EN54-16 PA system. It allows you to manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other defined functions from the requirements of the EN54-16 standard.

dimensions mm (W x H x D) 192,0 x 133,0 x 234,0

HANDS-FREE

DESK MOUNTING

P/N 7575123   DAP 54-16 /100

Console DAP EN 54-16 /100

The DAP EN 54-16 /100 operator station is part of the Fitre certified EN54-16 PA system. It allows you to manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other defined functions from the requirements of the EN54-16 standard.

dimensions mm (W x H x D) 287,0 x 133,0 x 234,0

HANDS-FREE

DESK MOUNTING

P/N 7575124   DAP 54-16 /140

Console DAP EN 54-16 /140

The DAP EN 54-16 /140 operator station is part of the Fitre certified EN54-16 PA system. It allows you to manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other defined functions from the requirements of the EN54-16 standard.

dimensions mm (W x H x D) 382,0 x 133,0 x 234,0

HANDS-FREE

DESK MOUNTING

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WEATHERPROOF

P/N 7564470H   TAS2000 VOIP PHONE/INTERCOM-250MT

VoIP weatherproof and vandalproof telephone with handset
- IP66 protection
- die cast "copper-free" aluminium alloy case
- adjustable receiver volume
- With full 12 keys keyboard
- 4 function keys and 4 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostic

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

P/N 7564470HR   TAS2000 VOIP PHONE/INTERCOM-250MT+I/O

VoIP weatherproof and vandalproof telephone with handset
- IP66 protection
- die cast "copper-free" aluminium alloy case
- adjustable receiver volume
- With full 12 keys keyboard
- 4 function keys and 4 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostic
- With I/O card (n.4 ON/OFF or voltage command inputs
  and n.2 output relays)

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

P/N 7564473   TAS2000 VOIP A-TEL

VoIP weatherproof and vandalproof telephone with handset
- IP66 protection
- die cast "copper free" aluminium alloy case
- Backlighted display with 2 rows x 16 characters
- Full keyboard whit display navigation keys and 4 speed dialling
  keys, 4 direct memory keys
- Volume adjustable
- SIP protocol, PoE compatible
- Suitable for remote configuration and diagnostic
- Interface with output relay for external loudspeaker
- Operating temperature - 40°C to + 70°C

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

P/N 7564432H   TAS2000 VOIP 1M-250MT

VoIP weatherproof and vandalproof telephone with handset
- IP66 protection • die cast "copper-free" aluminium alloy case
- 1 programmable memory key
- SIP protocol • PoE compatible
- Suitable for remote configuration and diagnostic

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

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WEATHERPROOF

P/N 7564444HR TAS2000 VOIP 4M-250MT+I/O

VoIP weatherproof and vandalproof telephone with handset
• IP66 protection
• die cast "copper-free" aluminium alloy case
• Both "powerful-duplex" (DSP based) handsfree and handset
• adjustable receiver volume
• 4 programmable memory keys
• SIP protocol • PoE compatible
• Suitable for remote configuration and diagnostic
• With I/O card (n.4 ON/OFF or voltage command inputs
  and n.2 output relays)

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

HANDSET/HANDS-FREE
WALL MOUNTING
IP66
- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564400H TAS2000 VOIP 26K 2L-250MT

VoIP weatherproof and vandalproof telephone with handset
• IP66 protection
• die cast "copper-free" aluminium alloy case
• Both "powerful-duplex" (DSP based) handsfree and handset
• adjustable receiver volume
• With full 12 keys keyboard
• 4 function keys and 4 programmable memory keys
• SIP protocol • PoE compatible
• Suitable for remote configuration and diagnostic

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

HANDSET/HANDS-FREE
WALL MOUNTING
IP66
- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564400HR TAS2000 VOIP 26K 2L-250MT+I/O

VoIP weatherproof and vandalproof telephone with handset
• IP66 protection
• die cast "copper-free" aluminium alloy case
• Both "powerful-duplex" (DSP based) handsfree and handset
• adjustable receiver volume
• With full 12 keys keyboard
• 4 function keys and 4 programmable memory keys
• SIP protocol • PoE compatible
• Suitable for remote configuration and diagnostic
• With I/O card (n.4 ON/OFF or voltage command inputs
  and n.2 output relays)

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

HANDSET/HANDS-FREE
WALL MOUNTING
IP66
- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564400HX TAS2000 VOIP 26K 2L-250MT+AUX

VoIP weatherproof and vandalproof telephone with handset
• IP66 protection
• die cast "copper-free" aluminium alloy case
• Both "powerful-duplex" (DSP based) handsfree and handset
• adjustable receiver volume
• With full 12 keys keyboard
• 4 function keys and 4 programmable memory keys
• SIP protocol • PoE compatible
• Suitable for remote configuration and diagnostic
• analog audio output card for optional external
  amplified loudspeakers

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

HANDSET/HANDS-FREE
WALL MOUNTING
IP66
- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
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WEATHERPROOF

P/N D001153   TAS2000 BLS - FOR BLUE LIGHT STATIONS

VoIP Blue Light Station, weatherproof & vandalproof telephone with handset

• IP66 protection
• die cast "copper-free" aluminium alloy case
• 2 programmable memory keys
• SIP protocol • PoE compatible
• Suitable for remote configuration and remote diagnostic

dimensions mm (W x H x D) 232,0 x 324,0 x 142,5

HANDSET

WALL MOUNTING

IP66

- 20°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 75644xxHR   TAS2000 VOIP I/O 250MT

VoIP weatherproof and vandalproof telephone with handset
• IP66 protection • die cast "copper-free" aluminium alloy case
• Automatic call to a pre-recorded number when the handset is released
• SIP protocol • PoE compatible
• Suitable for remote configuration and diagnostic

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N D001170   TAS2000 VOIP HOT-LINE SYSTEM

• HOT-LINE System without IP-PBX
• Up to eight Industrial TAS2000 VOIP phone with handset
• When one phone is unhooked then all the other phones of the system will ring
• External ringers and beacons can be added as option
• Any unhooked phone of the system stops its ringing and is added to the "CONFERENCE" conversation (Party-Line)

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

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WEATHERPROOF

P/N 7133160H   TAS360 VOIP 20K-6L-250MT

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• with 20 keys (full 12 keys keyboard + 4 function keys + 4 programmable memory keys + 6 lights)
• SIP protocol • PoE compatible

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

P/N 7133160HR   TAS360 VOIP 20K-6L-250MT+I/O

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• with 20 keys (full 12 keys keyboard + 4 function keys + 4 programmable memory keys + 6 lights)
• SIP protocol • PoE compatible
• With I/O card (n.4 ON/OFF or voltage command inputs and n.2 output relays)

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

P/N 7133160HX   TAS360 VOIP 20K-6L-250MT+AUX

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• with 20 keys (full 12 keys keyboard + 4 function keys + 4 programmable memory keys + 6 lights)
• SIP protocol • PoE compatible
• analog audio output card for optional external amplified loudspeakers

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

P/N 7133143   TAS360 VOIP 1M V1.3

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• with 1 memory key
• SIP protocol • PoE compatible

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

Option: Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

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WEATHERPROOF

P/N 7133143H   TAS360 VOIP 1M-250MT

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• with 1 memory key
• SIP protocol • PoE compatible

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

P/N 7133143HR   TAS360 VOIP 1M-250 MT+I/O

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• with 1 memory key
• SIP protocol • PoE compatible
• With I/O card (n.4 ON/OFF or voltage command inputs and n.2 output relays)

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

P/N 7133143HX   TAS360 VOIP 1M-250 MT+AUX

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• with 1 memory key
• SIP protocol • PoE compatible
• analog audio output card for optional external amplified loudspeakers

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

P/N 7133165   TAS360 VOIP 8K-6L

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• with 4 programmable memory keys and 4 function keys + 6 lights
• SIP protocol
• PoE compatible

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

Option: Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

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WEATHERPROOF

P/N 7133165H   TAS360 VOIP 8K-6L-250MT

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
- IP66 protection
- die cast "copper free" aluminium alloy case
- with 4 programmable memory keys and 4 function keys
  + 6 lights
- SIP protocol
- PoE compatible

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133165HR   TAS360 VOIP 8K-6L-250MT+I/O

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
- IP66 protection
- die cast "copper free" aluminium alloy case
- with 4 programmable memory keys and 4 function keys
  + 6 lights
- SIP protocol
- PoE compatible
- With I/O card (n.4 ON/OFF or voltage command inputs
  and n.2 output relays)

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133165HX   TAS360 VOIP 8K-6L-250MT+AUX

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
- IP66 protection
- die cast "copper free" aluminium alloy case
- with 4 programmable memory keys and 4 function keys
  + 6 lights
- SIP protocol
- PoE compatible
- analog audio output card for optional external amplified
  loudspeakers

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,3 kg

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N D001169   TAS360 VOIP-BLS

VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone
- IP66 protection
- die cast "copper free" aluminium alloy case
- 1 LED sowing the STATION IS AVAILABLE FOR CALLING
- 1 LED showing the station status CALL IN PROGRESS
- 1 push-button EMERGENCY CALL
- 1 Blue light flashing lamp
- SIP protocol • PoE compatible

dimensions mm (W x H x D) 142,5 x 560,0 x 135,0

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
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WEATHERPROOF

P/N 7132701H   TASVOIP GRP 1M/SOS-250MT

Digital VoIP telephone (standard SIP) for wall mount installation
• Weatherproof IP65 GRP housing
• Hands-free conversation
• Large mushroom head direct SOS call key
• Operating Temperature: -40°C to +70°C
• RJ45 Ethernet interface with PoE
   and/or local power supply (22 to 56 VDC)
OPTION: analog audio output for handling the optional external
amplified loudspeaker

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 2,4 kg

HANDS-FREE

WALL MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

Option:
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WEATHERPROOF

P/N 7133340   TASVOIP 916

Digital telephone flush mounting
- weatherproof 4mm thick aluminium alloy plate IP65 protection
- hands-free real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
- SIP protocol - complete keyboard + 2 memory keys

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

P/N 7133340H   TASVOIP 916-250MT

Digital telephone flush mounting
- weatherproof 4mm thick aluminium alloy plate IP65 protection
- hands-free real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
- SIP protocol - complete keyboard + 2 memory keys

HANDS-FREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

P/N 7133301H   TASVOIP 901-250MT

Digital telephone
- flush mounting
- weatherproof 4mm thick aluminium alloy plate IP65 protection
- hands-free real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 programmable call key

HANDS-FREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

P/N 7133301AH   TASVOIP 901-250MT

Digital telephone
- flush mounting
- weatherproof 4mm thick aluminium alloy plate IP65 protection
- hands-free real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 programmable call key

HANDS-FREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

WEATHERPROOF

P/N 7133311   TASVOIP 901/SOS

Digital telephone flush mounting
• weatherproof 4mm thick aluminium alloy plate IP65 protection
• hands-free real full-duplex conversation with echo cancellation
• RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
• SIP protocol - 1 SOS programmable call key

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

P/N 7133312H   TASVOIP 902/INFO-SOS-250MT

Digital telephone flush mounting
• weatherproof 4mm thick aluminium alloy plate IP65 protection
• hands-free real full-duplex conversation with echo cancellation
• RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
• SIP protocol - 2 INFO-SOS programmable call keys

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

HANDS-FREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133304   TASVOIP 904

Digital telephone flush mounting
• weatherproof 4mm thick aluminium alloy plate IP65 protection
• hands-free real full-duplex conversation with echo cancellation
• RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
• SIP protocol - 4 programmable call keys

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133304H   TASVOIP 904-250MT

Digital telephone flush mounting
• weatherproof 4mm thick aluminium alloy plate IP65 protection
• hands-free real full-duplex conversation with echo cancellation
• RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
• SIP protocol - 4 programmable call keys

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

HANDS-FREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

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WEATHERPROOF

P/N 7133308   TASVOIP 908

Digital telephone flush mounting
- weatherproof 4mm thick aluminium alloy plate IP65 protection
- hands-free real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
- SIP protocol - 8 programmable call keys

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

P/N 7133308H   TASVOIP 908-250MT

Digital telephone flush mounting
- weatherproof 4mm thick aluminium alloy plate IP65 protection
- hands-free real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE
  and/or local power supply (22 to 57VDC)
- SIP protocol - 8 programmable call keys

HANDS-FREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 930 g

P/N 7133800   DESK CASE

Accessory for 900 telephone series

Desk case
- natural anodized aluminium; black base
- equipped with screws for mounting telephones of the 900 series

dimensions mm (W x H x D) 105,0 x 265,0 x 160,0   weight 350 g

P/N 7133005   PROTRUDING ROOF

Accessory for 900 telephone series

Protruding aluminium roof
- to be added to the flush mounting telephone plate

dimensions mm (W x H x D) 105,0 x 258,0 x 30,0

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WEATHERPROOF

P/N 7133006   **PROTRUDING CASE**   **Accessory for 900 telephone series**

Anodized aluminium case for protruding wall mounting
• built-in roof for a higher protection from bad weather

dimensions mm (W x H x D) 105,0 x 258,0 x 100,0

P/N 7133004   **PROTRUDING CASE**   **Accessory for 900 telephone series**

Natural anodized aluminium case for protruding wall mounting

dimensions mm (W x H x D) 105,0 x 258,0 x 70,0

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WEATHERPROOF

P/N 7133361H   TASVOIP 951/SOS-250MT

Digital VoIP telephone (standard SIP) for flush mount installation
• built on weatherproof IP66 aluminium plate and IP66 rear protection
• Hands-free conversation
• Vandal-proof
• equipped with 1 direct SOS call key
• RJ45 Ethernet interface with PoE
and/or local power supply (22 to 56 VDC)

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 195,0 x 330,0 x 81,0   weight 1,97 kg

P/N 7133361HR   TASVOIP 951/SOS-250MT+I/O

Digital VoIP telephone (standard SIP) for flush mount installation
• built on weatherproof IP66 aluminium plate and IP66 rear protection
• Hands-free conversation
• Vandal-proof
• equipped with 1 direct SOS call key
• RJ45 Ethernet interface with PoE
and/or local power supply (22 to 56 VDC)
• With I/O card (n.4 ON/OFF or voltage command inputs and n.2 output relays)

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 195,0 x 330,0 x 81,0   weight 1,97 kg

P/N 7133372   TASVOIP 952/INFO-SOS IL

Digital VoIP telephone (standard SIP) for flush mount installation
• built on weatherproof IP66 aluminium plate and IP66 rear protection
• Hands-free conversation
• Vandal-proof
• equipped with 1 direct SOS call key and 1 direct INFO call key
• RJ45 Ethernet interface with PoE
and/or local power supply (22 to 56 VDC)
• It is configured with the additional "Inductor Loop" device in order to support the communication with Hearing-Impaired person

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 195,0 x 330,0 x 81,0   weight 1,97 kg

P/N 7133372H   TASVOIP 952/INFO-SOS IL-250MT

Digital VoIP telephone (standard SIP) for flush mount installation
• built on weatherproof IP66 aluminium plate and IP66 rear protection
• Hands-free conversation
• Vandal-proof
• equipped with 1 direct SOS call key and 1 direct INFO call key
• RJ45 Ethernet interface with PoE
and/or local power supply (22 to 56 VDC)
• It is configured with the additional "Inductor Loop" device in order to support the communication with Hearing-Impaired person

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 195,0 x 330,0 x 81,0   weight 1,97 kg

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WEATHERPROOF

P/N 7133362H   TASVOIP 952/INFO-SOS-250MT

Digital VoIP telephone (standard SIP) for flush mount installation
• built on weatherproof IP66 aluminium plate and IP66 rear protection
• Hands-free conversation
• Vandal-proof
• equipped with 1 direct SOS call key and 1 direct INFO call key
• RJ45 Ethernet interface with PoE
and/or local power supply (22 to 56 VDC)

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 195,0 x 330,0 x 81,0   weight 1,97 kg

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P/N 7133362HR   TASVOIP 952/INFO-SOS-250MT+I/O

Digital VoIP telephone (standard SIP) for flush mount installation
• built on weatherproof IP66 aluminium plate and IP66 rear protection
• Hands-free conversation
• Vandal-proof
• equipped with 1 direct SOS call key and 1 direct INFO call key
• RJ45 Ethernet interface with PoE
and/or local power supply (22 to 56 VDC)
• With I/O card (n.4 ON/OFF or voltage command inputs and n.2
output relays)

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 195,0 x 330,0 x 81,0   weight 1,97 kg

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P/N 71331xi   E-TEL FLUSH MOUNT EMERGENCY CALL POINT

- EMERGENCY CALL POINT VoIP TELEPHONE (SIP standard)
  with Direct Call Button and Call Status visual indication
- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection DEGREE
  against external mechanical impacts (EN-62262)
- Full-duplex hands-free conversation
- Auto-Answering and Silent Monitoring features
  for environmental monitoring and control
- Output: 2 relays max.1A or 250VAC, max power 60VA/30WDC
- Input: n.3 voltage free

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 71331xl   E-TEL/BOX WALL MOUNT EMERGENCY CALL POINT

- EMERGENCY CALL POINT VoIP TELEPHONE (SIP standard)
  with Direct Call Button and Call Status visual indication
- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree
  against external mechanical impacts (EN-62262)
- Full-duplex hands-free conversation
- Auto-Answering and Silent Monitoring features
  for environmental monitoring and control
- Output: 2 relays max.1A or 250VAC, max power 60VA/30WDC
- Input: n.3 voltage free

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 71331xm   P-TEL FLUSH MOUNT ASSISTANCE PHONE

- PASSENGER INFORMATION VoIP TELEPHONE (SIP standard)
  with Direct Call Button and Call Status visual indication
- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree
  against external mechanical impacts (EN-62262)
- Full-duplex hands-free conversation
- Auto-Answering and Silent Monitoring features
  for environmental monitoring and control
- Output: 2 relays max.1A or 250VAC, max power 60VA/30WDC
- Input: n.3 voltage free

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 71331xn   P-TEL/BOX WALL MOUNT ASSISTANCE PHONE

- PASSENGER INFORMATION VoIP TELEPHONE (SIP standard)
  with Direct Call Button and Call Status visual indication
- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree
  against external mechanical impacts (EN-62262)
- Full-duplex hands-free conversation
- Auto-Answering and Silent Monitoring features
  for environmental monitoring and control
- Output: 2 relays max.1A or 250VAC, max power 60VA/30WDC
- Input: n.3 voltage free

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 Meters**

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WEATHERPROOF

P/N 7133320H   TASVOIP 1004/ST-250MT

VoIP industrial weatherproof and vandalproof telephone set for flush mounting installation
• built on steel AISI304, IP66 plate
• based on standard SIP protocol
• Hands-free real full-duplex operation
• no keys, but able to be connected to 4 programmable external keys
• special version for SOS boxes for road tunnels

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 180,0 x 260,0 x 57,0   weight 1,45 kg

P/N 7133320HR   TASVOIP 1004/ST I/O-250MT

VoIP industrial weatherproof and vandalproof telephone set for flush mounting installation
• built on steel AISI304, IP66 plate
• based on standard SIP protocol
• Hands-free real full-duplex operation
• no keys, but able to be connected to 4 programmable external keys
• special version for SOS boxes for road tunnels
• With I/O card (n.4 ON/OFF or voltage command inputs
   and n.2 output relays)

HANDS-FREE

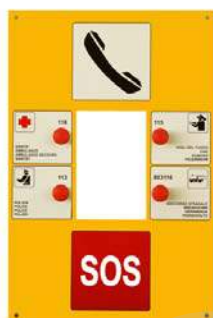*FLUSH MOUNTING*

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 180,0 x 260,0 x 82,0   weight 1,45 kg
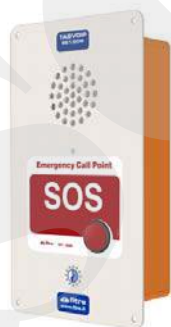
P/N 7133028   Plate

Aluminium face plate 3mm thickness
• painted yellow RAL1023
• equipped with 4 mushroom push buttons and screen printed
   symbols "Ambulance", "Fire", "Police", "Breakdown"
• for installation of a telephone type TASVOX
   or TASVOIP 1004 series in a SOS tunnel cabinet

dimensions mm (W x H x D) 496,0 x 748, x 35,0

P/N 7133323H   TASVOIP 961/SOS FOR EMERGENCY CALL POINTS

• Digital VoIP telephone (standard SIP) for flush mount
   installation built on stainless steel AISI304 weatherproof
   IP66 plate
• Protection against external mechanical impacts IK07 (EN62262)
• Hands-free conversation
• Vandal-proof equipped with two direct call keys
• 1 direct call key (SOS-EMERGENCY)
• RJ45 Ethernet interface with PoE
   and/or local power supply (22 to 56 VDC)
• SIP protocol • PoE compatible
• Suitable for remote configuration and remote diagnostic

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 155,0 x 275,0 x 75,0   weight 1,35 kg

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WEATHERPROOF

P/N 7133325H   TASVOIP 962/INFO-SOS FOR EMERGENCY CALL POINTS

- Digital VoIP telephone (standard SIP) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Hands-free conversation
- Vandal-proof equipped with two direct call keys
- 2 direct call keys (INFORMATION/EMERGENCY)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56 VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostic

dimensions mm (W x H x D) 155,0 x 275,0 x 75,0   weight 1,35 kg

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

P/N 7133325HR   TASVOIP 962/INFO-SOS-250MT+I/O

- Digital VoIP telephone (standard SIP) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Hands-free conversation
- Vandal-proof equipped with two direct call keys
- 2 direct call keys (INFORMATION/EMERGENCY)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56 VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostic
- With I/O card (n.4 ON/OFF or voltage command inputs and n.2 output relays)

dimensions mm (W x H x D) 155,0 x 275,0 x 75,0   weight 1,35 kg

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

P/N 71333xh   TASVOIP 952H-250MT INFO/SOS CALL POINTS

- Digital VoIP telephone (standard SIP) for flush mount installation built on weatherproof IP65 vandal-proof stainless steel plate
- Hands-free conversation
- Large head direct call keys
- Available with 1 or 2 direct call keys
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56 VDC)
- Integrated mechanical support for fixing the CCTV camera (not included) equipped with vandal-proof glass
- SIP protocol • PoE compatible

dimensions mm (W x H x D) 200,0 x 430,0 x 74,3   weight 1,750 kg

HANDS-FREE

FLUSH MOUNTING

IP65

- 25°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

P/N 7133343H   TASVOIP 952H-250MT INFO/SOS CALL POINTS

- Digital VoIP telephone (standard SIP) for flush mount installation built on weatherproof IP65 vandal-proof stainless steel plate painted red RAL3000
- Hands-free conversation
- Large head direct call keys
- Available with 1 or 2 direct call keys
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56 VDC)
- Integrated mechanical support for fixing the CCTV camera (not included) equipped with vandal-proof glass
- SIP protocol • PoE compatible

dimensions mm (W x H x D) 200,0 x 430,0 x 74,3   weight 1,750 kg

HANDS-FREE

FLUSH MOUNTING

IP65

- 25°C to + 70°C

VOIP-LINE LENGTH: UP TO 250 Meters

Option: Remote Monitoring by ASTRO System Manager

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EXPLOSION-PROOF

P/N 7134401 TAS2000 VoIP-Ex 22K-2L-TEL

Explosion-proof VoIP Telephone/Intercom Station with handset
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• Standard keyboard
• 4 memory keys for direct calls • 4 service keys
• 2 lights
• volume adiusting +/- keys
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by ASTRO System Manager

P/N 7134402 TAS2000 VoIP-Ex 6K-2L-MX1

Explosion-proof VoIP Intercom Station with handset
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• 1 general call • 1 conversation line
• 3 alarm keys
• 2 lights
• volume adjusting +/- keys
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by ASTRO System Manager

P/N 7134403 TAS2000 VoIP-Ex 11K-6L-MX2

Explosion-proof VoIP Intercom Station with handset
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• 1 general call • 5 conversation lines
• 3 alarm keys
• 6 lights
• volume adiusting +/- keys
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by ASTRO System Manager

P/N 7134601N TAS360 VoIP-Ex 20K-6L-IS2

Explosion-proof VoIP hands-free Intercom Station
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• Standard keyboard
• 4 memory keys for direct calls • 4 service keys
• 6 lights
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 4,1 kg

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by ASTRO System Manager

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EXPLOSION-PROOF

P/N 7134602N   TAS360 VoIP-Ex 8K-6L-IS2

Explosion-proof VoIP hands-free Intercom Station
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• 4 memory keys • 4 function keys
• 6 lights
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 4,1 kg

P/N 7134603   TAS360 VoIP-Ex 7K-2L-MX1

Explosion-proof VoIP hands-free Intercom Station
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• 1 general call • 1 conversation line
• 3 alarm keys
• 2 lights
• volume adjusting +/- keys
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 4,1 kg

P/N 7134604   TAS360 VoIP-Ex 10K-7L-MX2

Explosion-proof VoIP hands-free Intercom Station
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• 1 general call • 6 conversation lines
• 7 lights
• volume adjusting +/- keys
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 4,1 kg

P/N 71346xx   TAS360 VoIP-Ex-1M

Explosion-proof VoIP hands-free Intercom Station
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• 1 conversation line
• 2 lights
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 4,1 kg

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EXPLOSION-PROOF

P/N 7134605   TAS360 VoIP-Ex 5K-2L-MX3

Explosion-proof VoIP hands-free Intercom Station
• SIP protocol • PoE compatible
• Protection class IP66 • ATEX certified for Zone 1 - Zone 21
• 1 conversation line
• 2 lights
• volume adjusting +/- keys
ATEX Approval:
II 2G Ex e mb ib IIC T6 (@Tamb.<40°C), T5 (@Tamb.<55°C) Gb
II 2D Ex tb IIIC T85°C (@Tamb.<40°C), T100°C (@Tamb.<55°C) Db IP66

HANDS-FREE

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

VOIP-LINE LENGTH:
UP TO 180 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 4,1 kg

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DECONTAMINABLE

P/N 7564440V   SANIVOIP 918S V1.3

VoIP telephone for clean-rooms - flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• 12 standard dialling keys and 6 function keys
• adjustable receiver volume
• slim thickness 34mm depth only

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 900 g

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P/N 7564440H   SANIVOIP 918S-250MT

VoIP telephone for clean-rooms - flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• 12 standard dialling keys and 6 function keys
• adjustable receiver volume
• slim thickness 34mm depth only

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 900 g

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P/N 7564461H   SANIVOIP 901S-250MT

VoIP telephone for clean-rooms - flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• 1 memory key
• slim thickness 34mm depth only

Product manufactured upon request. MOQ 25 pcs

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 900 g

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P/N 7564464H   SANIVOIP 904S-250MT

VoIP telephone for clean-rooms - flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• 4 memory keys
• slim thickness 34mm depth only

Product manufactured upon request. MOQ 25 pcs

HANDS-FREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 Meters

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 900 g

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DECONTAMINABLE

P/N 7564468   SANIVOIP 908S

VoIP telephone for clean-rooms - flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• 8 memory keys
• slim thickness 34mm depth only

Product usually available ex-stock

HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 900 g

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P/N 8131931   BACK-BOX   **Accessory for decontaminable SANIVOIP telephone sets**

Galvanized steel back-box for concrete wall installation of SANIVOX-
SANIVOIP series telephone sets
• It is not necessary for installation on metal or plastic panels or
  sandwich panels

dimensions mm (W x H x D) 107,0 x 265,0 x 56,0   weight 400 g

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P/N 7133060   BACK-BOX   **Accessory for decontaminable SANIVOIP telephone sets**

Stainless steel back-box for surface installation of SANIVOX-SANIVOIP
series telephone sets as alternative to the flush mounting installation

dimensions mm (W x H x D) 135,0 x 290,0 x 36,5   weight 440 g

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INDOOR

P/N 7128746A   TF205

Wall/desk PSTN Analog indoor telephone light grey colour
• 2 memories

HANDSET
DESK MOUNTING

dimensions mm (W x H) footprint 158,0 x 219,0   weight 960 g

P/N 7128734   TF425 green

Line-powered multifunction analog telephone with CLIP function
• hands-free communication and headset jack
• with alphamuneric display
• 6 two-level memory keys for direct dialling
• Phonebook for 150 numbers with name

HANDSET
DESK MOUNTING

dimensions mm (W x H) footprint 210,0 x 198,0   weight 1,25 kg

WEATHERPROOF

P/N 7132445CFX TAS2000 RV

Analog ACB weatherproof and vandalproof telephone
• IP66 protection
• standard telephone keyboard
• die cast "copper free" aluminium alloy case, (suitable for petro-
  chemical environments)
• adjustable volume receiver (Vol + / Vol - keys)
• adjustable volume loud bell (95 dB at 1m)

HANDSET
WALL MOUNTING
IP66
- 40°C to + 70°C

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,5 kg

P/N 7132459X   TAS2000 MEMO 8MTC/ST

Analog ACB weatherproof and vandalproof telephone
• IP66 protection
• die cast "copper-free" aluminium alloy case
• full keyboard with 8 memory keys for calls towards
  8 programmable numbers
• With headset connector
• Adjustable receiver volume

HANDSET
WALL MOUNTING
IP66
- 40°C to + 70°C

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,8 kg

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WEATHERPROOF

P/N 7132471X   TAS2000 MEMO 10MT/ST

Analog ACB weatherproof and vandalproof telephone
• IP66 protection
• die cast "copper-free" aluminium alloy case
• full keyboard with 10 memory keys for calls towards
  10 programmable numbers
• Adjustable receiver volume

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,80kg

P/N 7132458X   TAS2000 MEMO 8MTC/NC

Analog ACB weatherproof and vandalproof telephone
• IP66 protection
• die cast "copper-free" aluminium alloy case
• full keyboard with 8 memory keys for calls towards
  8 programmable numbers
• With headset connector
• With special handset having a noise cancelling microphone for
  noisy environments (e.g: Engine-Room of the ships)
• Adjustable receiver volume

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,8 kg

P/N 7148913   RI70/T   **Accessory for TAS2000MEMO**

Industrial headset with dynamic microphone
• weatherproof plug for TAS2000MEMO 8M TC SA/NC telephone set
  (P/N 7132458X)

weight 360 g

P/N 7133690   TAS2000 VOX

Analog ACB weatherproof and vandalproof telephone
• IP66 protection
• die cast "copper-free" aluminium alloy case
• both full-duplex handsfree and handset
• 4 keys for calling programmable numbers - adjustable receiver
  volume
• Suitable for remote configuration and diagnostics
  (Astro System Manager)
• Full-duplex
• handsfree

HANDSET/HANDS-FREE

WALL MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 6,0 kg

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WEATHERPROOF

P/N 7132801   TTS10 32P

Analog ACB telephone
- GRP polyester case
- 15 keys keyboard
- wall mounting
- IP65 protection

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 2,65 kg

P/N J7111420   TTSVOX-BCA-MT

Analog ACB telephone
- GRP polyester case
- IP54 protection
- 12 keys keyboard + key for sending messages
  on Public Address Network
- Both handsfree and handset

HANDSET/HANDS-FREE

WALL MOUNTING

IP54

- 20°C to + 70°C

dimensions mm (W x H x D) 120,0 x 637,0 x 170,0   weight 4,2 kg

P/N 7132841   TT - BCA - 12T

Analog ACB telephone, enclosed into weatherproof metal case
- with door
- protection degree IP65 even if door is open
- 12 keys keyboard
- Handset cord with vandalproof protection

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions mm (W x H x D) 150,0 x 600,0 x 160,0

P/N 7132841A   TT - BCA - 15T

Analog ACB telephone, enclosed into weatherproof metal case
- with door
- protection degree IP65 even if door is open
- 15 keys keyboard
- Handset cord with vandalproof protection

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions mm (W x H x D) 150,0 x 600,0 x 160,0

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WEATHERPROOF

P/N 7137111   TAS21

Weatherproof analog ACB telephone
• GRP polyester case
• IP66 protection
• both handsfree and handset
• with display
• INOX steel 21-keys keyboard

HANDSET/HANDS-FREE

WALL MOUNTING

IP66

- 25°C to + 60°C

dimensions mm (W x H x D) 227,0 x 293,0 x 135,0   weight 6,28 kg

P/N 7132800   TTH10-32P

Analog ACB flush-mounting telephone
• polyester GRP case
• IP65 protection
• 15 keys keyboard

HANDSET

FLUSH MOUNTING

IP65

- 20°C to + 70°C

dimensions mm (W x H x D) 91,0 x 278,0 x 110,0   weight 700 g

LINE EXTENDER

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

WEATHERPROOF

P/N 7132670   TAS360 VOX 4M/T

Analog ACB weatherproof and vandalproof handsfree telephone
- IP66 protection
- die cast "copper free" aluminium alloy case
- with 24 keys (full 12 keys keyboard + 8 function keys
  + 4 programmable memory keys) + 1 light

HANDS-FREE

WALL MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,8 kg

P/N 7132671   TAS360 VOX 1M/ST

Analog ACB weatherproof and vandalproof handsfree telephone
- IP66 protection
- die cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light

HANDS-FREE

WALL MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,8 kg

P/N 7132674   TAS360 VOX 4M/ST

Analog ACB weatherproof and vandalproof handsfree telephone
- IP66 protection
- die cast "copper free" aluminium alloy case
- 4 programmable call keys + 1 light

HANDS-FREE

WALL MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,8 kg

P/N 7132678   TAS360 VOX 8M

Analog ACB weatherproof and vandalproof handsfree telephone
- IP66 protection
- die cast "copper free" aluminium alloy case
- 8 programmable call keys + 1 light

HANDS-FREE

WALL MOUNTING

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 100,0   weight 3,8 kg

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WEATHERPROOF

P/N 7132675   TAS360 VOX 4M/FM

Analog ACB weatherproof and vandalproof handsfree telephone
• IP66 protection
• die cast "copper free" aluminium alloy case
• flush mounting
• 4 programmable call keys (special for SOS tunnel cabinets)

HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 360,0 x 90,0   weight 3,8 kg

P/N 7132645   RELAYS CARD   **Accessory for TAS360VOX telephone series**

Board with 2 relays
• remote or local control through programmable codes
• equipped also with amplifier for internal or external loudspeaker

dimensions mm (W x H) 65,0 x 95,0

P/N 7132712   TASVOX 1M/GRP

Analog telephone for wall mount installation
• Weatherproof IP65 GRP housing
• Hands-free - Full-Duplex conversation
• With 1 direct SOS call key

HANDS-FREE

WALL MOUNTING

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 2,4 kg

P/N 7132710   TASVOX 1M/GRP-IL

Analog telephone for wall mount installation
• Weatherproof IP65 GRP housing
• Hands-free
• Full-Duplex conversation
• With 1 direct SOS call key

<Embedded "Inductor Loop" for passengers with hearing difficulties>

HANDS-FREE

WALL MOUNTING

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 1,5 kg

WEATHERPROOF

P/N 7132711   TASVOX 1M/GRP-IL I/O

Analog telephone for wall mount installation
• Weatherproof IP65 GRP housing
• Hands-free
• Full-Duplex conversation
• With 1 direct SOS call key

<Embedded "Inductor Loop" for passengers with hearing difficulties, with relay electronic card to perform the remote opening of a door or driving strobes>

HANDS-FREE

WALL MOUNTING

IP65

- 20°C to + 70°C

Option:
Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 1,5 kg

LINE EXTENDER

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

WEATHERPROOF

P/N 7133603   TAS916 VOX

Analog ACB telephone
- flush mounting - weatherproof 4mm thick aluminium alloy plate
- IP65 protection
- 16 keys (full 12 keys keyboard and 4 function keys)

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 975 g

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133600   TAS901 VOX

Analog ACB telephone
- flush mounting - weatherproof 4mm thick aluminium alloy plate
- IP65 protection
- 1 programmable call key

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 865 g

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133601   TAS904 VOX

Analog ACB telephone
- flush mounting - weatherproof 4mm thick aluminium alloy plate
- IP65 protection
- 4 programmable call keys

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 865 g

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133602   TAS908 VOX

Analog ACB telephone
- flush mounting - weatherproof 4mm thick aluminium alloy plate
- IP65 protection
- 8 programmable call keys

dimensions mm (W x H x D) 100,0 x 252,0 x 64,0   weight 865 g

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

Option:
Remote Monitoring by
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WEATHERPROOF

P/N 7133644   AMPLIFIER CARD

Accessory for 900 telephone series

Amplifier on board for increasing the output volume of the internal loudspeaker or to connect an external loudspeaker
• It is requiring a local 12 VDC power source

dimensions mm (W x H) 30,0 x 50,0   weight 50 g

P/N 7133676   RELAYS CARD

Accessory for 900 telephone series

Board with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes

dimensions mm (W x H) 27,0 x 65,0   weight 50 g

P/N 7133800   DESK CASE
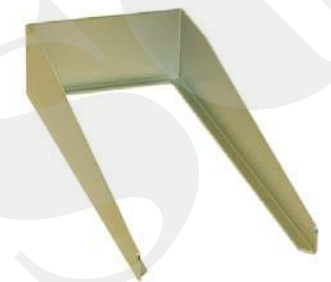
Accessory for 900 telephone series

Desk case
• natural anodized aluminium; black base
• equipped with screws for mounting telephones of the 900 series

dimensions mm (W x H x D) 105,0 x 265,0 x 160,0   weight 350 g

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P/N 7133005   PROTRUDING ROOF

Accessory for 900 telephone series

Protruding aluminium roof
• to be added to the flush mounting telephone plate

dimensions mm (W x H x D) 105,0 x 258,0 x 30,0

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WEATHERPROOF

P/N 7133006   PROTRUDING CASE

Accessory for 900 telephone series

Anodized aluminium case for protruding wall mounting
• built-in roof for a higher protection from bad weather

dimensions mm (W x H x D) 105,0 x 258,0 x 100,0

P/N 7133004   PROTRUDING CASE

Accessory for 900 telephone series

Natural anodized aluminium case for protruding wall mounting

dimensions mm (W x H x D) 105,0 x 258,0 x 70,0

LINE EXTENDER

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

WEATHERPROOF

P/N 7133502 TASVOX 952/IL

Analog telephone for flush mount installation built on weatherproof IP66 aluminium plate and IP66 rear protection
• Hands-free conversation
• Vandal-proof equipped with 1 direct SOS call key and 1 direct INFO call key
• It is configured with the additional "Inductor Loop" device in order to support the communication with people with a hearing aid

HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 195,0 x 330,0 x 81,0   weight 1,97 kg

P/N 7133531 TASVOX 951L/SOS

Analog telephone for flush mounting installation built on weatherproof IP65 aluminium plate with protruding aluminium roof
• Hands-free conversation
• Vandal-proof equipped with 1 direct SOS call key

Size and installation details are compatible with Swiss highways and tunnels

HANDS-FREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

Option:
Remote Monitoring by ASTRO System Manager

dimensions mm (W x H x D) 170,0 x 365,0 x 145,0   weight 2,1 kg

LINE EXTENDER

P/N 7251174 TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

WEATHERPROOF

P/N 7133501	TASVOX 951

Analog telephone for flush mounting installation built on weatherproof IP66 aluminium plate and IP66 rear protection
• Hands-free conversation
• Vandal-proof equipped with 1 direct SOS call key

HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 195,0 x 330,0 x 81,0   weight 1,97 kg

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WEATHERPROOF

P/N 7133623   TASVOX 1004

Analog ACB telephone
• flush mounting
• weatherproof INOX steel plate
• IP66 protection
• 4 programmable call keys

HANDS-FREE

FLUSH MOUNTING

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 180,0 x 260,0 x 57,0   weight 1,45 kg

P/N 7133621   TAS1004VOX/ST

Analog ACB telephone
• flush mounting - weatherproof INOX steel plate
• IP66 protection
• no keys, but able to be connected up to 4 programmable
  external keys
• Special version for SOS boxes for road tunnels
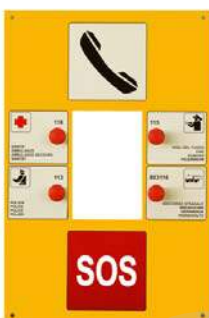
HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 180,0 x 260,0 x 57,0   weight 1,45 kg

P/N 7133028   Plate

Aluminium face plate 3mm thickness
• painted yellow RAL1023
• equipped with 4 mushroom push buttons and screen printed
  symbols "Ambulance", "Fire", "Police", "Breakdown"
• for installation of a telephone type TASVOX
  or TASVOIP 1004 series in a SOS tunnel cabinet

dimensions mm (W x H x D) 496,0 x 748, x 35,0

LINE EXTENDER

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard
PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

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EXPLOSION-PROOF

P/N 7138150   TAS22AD

Explosion-proof analog ACB telephone
• GRP polyester case
• IP66 protection
• both handsfree and handset
• with display
• INOX steel 21-keys keyboard
• ATEX Certified:
II 2G Ex em[ib] IIC T5/T6
II 2D Ex tb [ib] IIIC T100°C/T80°C Db

HANDSET/HANDS-FREE

WALL MOUNTING

IP66

- 20°C to + 60°C

ATEX

dimensions mm (W x H x D) 227,0 x 293,0 x 135,0   weight 6,36 kg

P/N 7133201   TASVOX AD 1M

Explosion-proof ACB analog telephone
• full-duplex handsfree
• IP66 protection
• both looudspeaker and microphone are explosion-proof
• One key for calling a programmable number.
• ATEX EEx dIIB 2G T4

HANDS-FREE

WALL MOUNTING

IP66

- 20°C to + 70°C

ATEX

dimensions mm (W x H x D) 245,0 x 490,0 x 223,0

LINE EXTENDER

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

DECONTAMINABLE

P/N 7133639   SANIVOX 918S

Analog ACB telephone for clean-rooms
• flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• standard keyboard
• 2 memory keys
• adjustable receiver volume
• slim thickness 34mm depth only

HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 800 g

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P/N 7133626   SANIVOX 901S

Analog ACB telephone for clean-rooms
• flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• 1 memory key
• slim thickness 34mm depth only

Product manufactured upon request. MOQ 25 pcs

HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 800 g

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P/N 7133627   SANIVOX 904S

Analog ACB telephone for clean-rooms
• flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• 4 memory keys
• slim thickness 34mm depth only

Product manufactured upon request. MOQ 25 pcs

HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 800 g

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P/N 7133628   SANIVOX 908S

Analog ACB telephone for clean-rooms
• flush mounting
• front surface IP66 weatherproof without holes and fully washable
  by common detergents or bacterycids
• 8 memory keys
• slim thickness 34mm depth only

Product usually alailable ex-stock

HANDS-FREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 125,0 x 280,0 x 34,0   weight 800 g

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DECONTAMINABLE

P/N 7133644   AMPLIFIER CARD   Accessory for decontaminable SANIVOX telephone sets

Amplifier on board for increasing the output volume of the internal loudspeaker or to connect an external loudspeaker
• It is requiring a local 12 VDC power source

dimensions mm (W x H) 30,0 x 50,0   weight 50 g

P/N 7133676   RELAYS CARD   Accessory for decontaminable SANIVOX telephone sets

Board with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes

dimensions mm (W x H) 27,0 x 65,0   weight 50 g

P/N 8131931   BACK-BOX   Accessory for decontaminable SANIVOX telephone sets

Galvanized steel back-box for concrete wall installation of SANIVOX-SANIVOIP series telephone sets
• It is not necessary for installation on metal or plastic panels or sandwich panels

dimensions mm (W x H x D) 107,0 x 265,0 x 56,0   weight 400 g

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P/N 7133060   BACK-BOX   Accessory for decontaminable SANIVOX telephone sets

Stainless steel back-box for surface installation of SANIVOX-SANIVOIP series telephone sets as alternative to the flush mounting installation

dimensions mm (W x H x D) 135,0 x 290,0 x 36,5   weight 440 g

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LINE EXTENDER

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

INDOOR

P/N 7127525   TONO BC

Desk/wall mounting analog CB telephone
• antishock resin made case
• handset is equipped with a an ergonomic volume adjustment
• suitable for emergency communications
• powered by standard analogue telephone lines, either PTT trunks or PBX internal lines

HANDSET

DESK/WALL MOUNTING

0°C to + 50°C

dimensions mm (W x H x D) 95,0 x 245,0 x 90,0   weight 800 g

WEATHERPROOF

P/N 7132442CF   TCS2000 RV

Analog CB weatherproof and vandalproof telephone
• IP66 protection
• no keyboard
• die cast "copper free" aluminium alloy case, (suitable for petro-chemical environments)
• adjustable volume receiver (Vol + / Vol - keys)
• adjustable volume loud bell (95 dB at 1m)

HANDSET

WALL MOUNTING

IP66

- 20°C to + 70°C

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,40 kg

P/N J7132806   TTH11

Weatherproof flush-mounting analog CB telephone
• polyester GRP case
• IP65 protection

HANDSET

FLUSH MOUNTING

IP65

dimensions mm (W x H x D) 91,0 x 278,0 x 110,0   weight 700 g

P/N J7132805   TTS11 32P

Weatherproof analog CB telephone
• GRP polyester case
• wall mounting
• IP65 protection

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 2,6 kg

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WEATHERPROOF

P/N 7132840   TT - BC

Analog CB telephone
• enclosed into weatherproof metal case, with door
• protection degree IP65 even if door is open
• handset cord with vandalproof protection

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions mm (W x H x D) 150,0 x 600,0 x 160,0

EXPLOSION-PROOF

P/N 7138170   TCS22AD

Explosion-proof analog CB telephone
• GRP polyester case
• IP66 protection
• with handset
• no keyboard
• ATEX Certified:
II 2G Ex em[ib] IIC T5/T6
II 2D Ex tb [ib] IIIC T100°C/T80°C Db

HANDSET

WALL MOUNTING

IP66

- 20°C to + 60°C

ATEX

dimensions mm (W x H x D) 227,0 x 293,0 x 135,0   weight 6,0 kg

LINE EXTENDER

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

INDOOR

P/N 7127535 TONO "HOT-LINE"

Analog BC telephone desk/wall mounting, without keyboard for emergency communications
• directly powered by standard analog lines
• both by PTT trunks or by PBX extension lines
• Receiving volume adjustement
• red colour

HANDSET

DESK/WALL MOUNTING

0°C to + 50°C

dimensions mm (W x H x D) 95,0 x 245,0 x 90,0   weight 800 g

LINE EXTENDER

P/N 7251174 TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

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P/N 71331xa   TASVOICE SERIES 164/1K

SOS / Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

IP65

- 40℃ to + 70℃

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 106,0 x 164,0 x 53,0   weight 850 g

P/N 71331xc   TASVOICE SERIES 164/1K-2LAN

Digital IP intercom for flush mounting installation. Double LAN interfaces for Railway applications.

Family of Products expressly manufactured according to Customer specifications.

IP65

- 40℃ to + 70℃

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 106,0 x 164,0 x 68,0   weight 1,0 kg

P/N 71331xe   TASVOICE SERIES 164/2K-2LAN

SOS / Emergency Call Point for Railway applications, double standard Analog/Digital IP intercom for flush mounting installation.

Family of Products expressly manufactured according to Customer specifications.

IP65

- 40℃ to + 70℃

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 120,0 x 180,0 x 70,0   weight 850 g

P/N 71331xd   TASVOICE SERIES 164/1K T-TEL

On-board VoIP Emergency Call Point for Metro and Railways applications, with Direct call Button and Call Status visual an audible indications.

IP65

- 40℃ to + 70℃

Option:
Remote Monitoring by
ASTRO System Manager

dimensions mm (W x H x D) 106,0 x 164,0 x 53,0   weight 850 g

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P/N 71331xg   TASVOICE 164-4K ON-BOARD CUSTOM INTERCOM UNIT

CUSTOMIZED COMMUNICATION UNIT FOR METRO DRIVER

dimensions mm (W x H x D)

P/N 71331xf   TASVOICE 164 CUSTOMIZED ON-BOARD PHONE UNIT

DRIVER telephone for Metro & Railways

SOS / Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N D001166   CRUISE SHIP PAGA ACCESS PANEL

Cruise ship PAGA ACCESS PANEL 8 keys

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P/N 7426100   ANALOG INTERCOM ALARM FOR ELEVATOR CAB ROOF

Terminale predisposto per collegamento a PSTN
(o interno analogico di PABX)
• diagnosticabile da remoto
• messaggi di conforto antipanico
• chiamata ciclica di prova
• resa acustica in cabina pari a 90 dB a 1 m

P/N 7426142N   ELEVATOR INTERCOM UNIT

Unità di cabina a montaggio verticale
Pannello completo di microfono e led per installazione in cabina

P/N 7426140N   ELEVATOR INTERCOM UNIT

Unità di cabina a montaggio orizzontale
Pannello completo di microfono e led per installazione in cabina

P/N 7426102   ELEVATOR INTERCOM UNIT FOR MAINTENANCE

Pulsante ALLARME FOSSA +MICROFONO FOSSA con cavo di
collegamento lunghezza 6m e connettore

P/N 7426125   ACCESSORY FOR LIFTVOX - INDUCTOR LOOP

Sistema AFILS (Audio Frequency Induction Loop System)
• alimentatore AC/DC
• amplificatore a corrente costante
• induttore
• cavi di connessione

dimensions 217,0 x 113,0 x 63,0 mm

LINE EXTENDER

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

P/N ASTRO   "ASTRO System Manager"

"ASTRO System Manager" is a client operator station that allows to control a set of remote terminals.

• Emergency Calls
• Diagnostic Data
• Historical Data
• Alarms Events
• Configuration
• Different user access levels each with password protection

for information please contact Fitre: divisione.dsi@fitre.it

dimensions mm (W x H x D) 486,0 x 44,5 x 305,0 mm

P/N 7549262   ASTRO MANAGER CLIENT UNIT

Astro Manager is a client operator station that allows to control a set of remote terminals.
Astro Manager supervises Public Address Voice Alarms, Emergency and Intercom calls activity.

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INDOOR

P/N 7122240 — TONO BL/3V

Electronic LB desk/wall telephone
• ABS case
• Line length up to 15km using telephone cable 0.6 mm diameter
• Adjustable receiver volume
• ringer 70 db/1 m
• Power supply 3 to 4.5Vdc • It requires 1 connection box 7122201
  or 1 feeding box 7715110 (not included)

HANDSET
DESK MOUNTING

0°C to + 50°C

dimensions mm (W x H x D) 95,0 x 245,0 x 90,0   weight 800 g

P/N 7122201 — FEEDING BOX

Accessory for TONO BL/3V telephone set

Feeding box for TONO LB telephone
• it must be equipped with 3 pcs. 1.5V batteries,
  D type - LR20 (not included)

dimensions mm (W x H x D) 85,0 x 120,0 x 60,0   weight 300 g

P/N 7715110 — FEEDING BOX

Accessory for TONO BL/3V telephone set

Feeding box for TONO LB telephone
• with floating 4V sealed battery and charging circuit powered at
  230VAC

dimensions mm (W x H x D) 85,0 x 120,0 x 60,0   weight 650 g

WEATHERPROOF

P/N 7131200 — TLS2000 3V

Analog LB weatherproof and vandalproof telephone
(it requires 3 pcs. LR20 1,5V batteries - type D - 60 x Ø34 mm usually
suitable for al least one years of service)
• IP66 protection
• no keyboard
• die cast "copper free" aluminium alloy case, (suitable for petro-
  chemical environments)
• equipped with electronic ringer current generator
• adjustable volume loud bell (95 dB at 1m)

HANDSET
WALL MOUNTING
IP66
- 20°C to + 70°C

dimensions mm (W x H x D) 230,0 x 270,0 x 140,0   weight 5,9 kg

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P/N 7111650   CTZ1M TONO

Self-powered telephone console
• IP50 protection
• without outgoing calling system (incoming only)

DESK MOUNTING

IP50

dimensions mm (W x H x D) 190,0 x 133,0 x 234,0   weight 2,3 kg

P/N 7111714   CTZ1M-V TONO

Self-powered telephones console
• IP50 protection
• with incoming call buzzer and loud ringer interface
• outgoing calling sound-wheel equipped

DESK MOUNTING

IP50

dimensions mm (W x H x D) 190,0 x 145,0 x 234,0   weight 2,3 kg

P/N 7111627   TM/10AR

Self-powered wall telephone
• IP65 protection
• polyester GRP case
• orange colour
• outgoing calling sound-wheel equipped

HANDSET

WALL MOUNTING

IP65

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 2,95 kg

P/N 7111xxx   TM/10AR

Self-powered wall telephone
• IP65 protection
• polyester GRP case
• orange colour
• outgoing calling sound-wheel equipped
• polyester handset cord

HANDSET

WALL MOUNTING

IP65

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 2,95 kg

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P/N 7111626   TL10/GR

Self-powered wall telephone
• IP65 protection
• polyester GRP case
• grey colour
• outgoing calling sound-wheel equipped

HANDSET

WALL MOUNTING

IP65

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 2,95 kg

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P/N 7111628   TM20/GR

Self-powered wall telephone
• IP65 protection
• polyester GRP case
• grey colour
• outgoing calling sound-wheel equipped
• with incoming call buzzer

HANDSET

WALL MOUNTING

IP65

dimensions mm (W x H x D) 120,0 x 380,0 x 170,0   weight 2,95 kg

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P/N 7111734   TM/C

Self-powered telephone
• inox wall case
• with hermetic door
• IP65 protection
• outgoing calling sound-wheel equipped

WALL MOUNTING

IP65

dimensions mm (W x H x D) 150,0 x 600,0 x 160,0

P/N 8312201   G701

Self-powered telephones
• rilsan body
• without outgoing calling system (incoming only)

Available accessories:
• Holder - P/N 8319203
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
• Carring bag G/320A - P/N 8319812

dimensions mm (W x H x D) 58,0 x 266,0 x 95,0   weight 600 g

P/N 8312101   G709

Self-powered telephones
• rilsan body
• without outgoing calling system (incoming only)
  with Push-To-Talk button

Available accessories:
• Holder - P/N 8319203
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
• Carring bag G/320A - P/N 8319812

dimensions mm (W x H x D) 58,0 x 266,0 x 95,0   weight 700 g

P/N 8311321   G711

Weatherproof self-powered telephones
• antistatic elastomer body
• IP66 protection, outgoing calling sound-wheel equipped

Available accessories:
• G30 Holder - P/N 7315630 • G24 Switch Holder - P/N 7315400
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
• Carring bag G/320A - P/N 8319812

IP65

dimensions mm (W x H x D) 84,0 x 330,0 x 150,0   weight 1,4 kg

P/N 8311422   G852

Weatherproof self-powered telephones
• antistatic elastomer body
• IP66 protection
• outgoing calling sound-wheel equipped
• ATEX II 1G Ex ia IIC T6 intrinsical safety certified

Available accessories:
• G30 Holder - P/N 7315630 • G24 Switch Holder - P/N 7315400
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
• Carring bag G/320A - P/N 8319812

IP66

ATEX

dimensions mm (W x H x D) 84,0 x 330,0 x 150,0   weight 1,4 kg

P/N 7148105   S7601

Self-powered headset with headband
• microphone and two hearphones
• without outgoing calling generator

Available accessories:
• G24 Switch Holder - P/N 7315400
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826

weight 650 g

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P/N 7148107   S7602/2

Self-powered headset with headband
• microphone and two hearphones
• without outgoing calling generator
• certified for explosive atmospheres by Intrinsic Security degree IIC

Available accessories:
• G24 Switch Holder - P/N 7315400
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826

weight 650 g

P/N 7148109   S7603/2

Self-powered headset with headband
• microphone and two hearphones
• with outgoing calling generator to be clipped to the belt
• certified for explosive atmospheres by Intrinsic Security degree IIC

Available accessories:
• G24 Switch Holder - P/N 7315400
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826

weight 650 g

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P/N *7147102*   TLP97

Portable LB amplified weatherproof telephone
• IP66 protection, it requires 2pcs. "stilo" (AA) 1,5V batteries (not included)
• Distance up to 10 km using telephone copper cable 0,6 mm diameter

Available accessories:
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
• Carring bag - P/N 8319812

IP66

dimensions mm (W x H x D) 73,0 x 246,0 x 77,0   weight 750 g

P/N *7148206*   TLP182

Portable amplified headset
• with belt-box IP50 protection, it requires 2pcs. "stilo"(AA) 1,5V batteries (not included)
• Distance up to 10 km using telephone copper cable 0,6 mm diameter
• completely handsfree

Available accessories:
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
• Carring bag - P/N 8319812

IP50

weight 970 g

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P/N 8319203   HOLDER

Wall mounting holder

Accessory for:
• G701 - P/N 8312201 • G709 - P/N 8312101 rilsan telephone sets

weight 230 g

P/N 7315630   G30

Wall mounting stainless steel holder

Accessory for:
• G711 - P/N 8311321 • G852 - P/N 8311422 antistatic elastomer
  telephone sets

dimensions mm (W x H x D) 110,0 x 300,0 x 120,0   weight 1,0 kg

P/N 7315400   G24

Wall mounting holder with hang-up switch

Accessory for:
• G711 - P/N 8311321 • G852 - P/N 8311422 antistatic elastomer
  telephone sets.
• S7601 - P/N7148105 • S7602/2 - P/N 7148107
• S7603/2 - P/N 7148109 headsets

dimensions mm (W x H x D) 140,0 x 165,0 x 100,0   weight 850 g

P/N 8319812   G320/A

Carrying bag for self-powered & portable telephones equipment

Accessory for:
• G701 - P/N 8312201 • G709 - P/N 8312101 rilsan telephone sets
• G2100 - P/N 8311103 polyamide telephone set
• G711 - P/N 8311321 • G852 - P/N 8311422 antistatic elastomer
  telephone sets
• TLP97 - P/N 7147102 portable LB amplified telephone
• TLP182 - P/N 7148206 portable LB amplified headset

dimensions mm (W x H x D) 250,0 x 400,0 x 90,0   weight 460 g

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P/N 2964156   JACK PLUG

Weatherproof IP54 degree jack plug

Accessory for all Self-Powered and Portable Telephones

IP54

weight 75 g

P/N 8311321   SOCKET

Weatherproof self-powered telephones
• antistatic elastomer body
• IP66 protection, outgoing calling sound-wheel equipped

IP54

Available accessories:
• G30 Holder - P/N 7315630 • G24 Switch Holder - P/N 7315400
• Jack Plug - P/N 2964156 • Socket - P/N 2964088
• Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
• Carring bag G/320A - P/N 8319812

weight 180 g

P/N 8319825   TS105

Clamp connector for shunting any portable wired telephone and
headsets on any point of a TS104 self-healing cable

Accessory for all Self-Powered and Portable Telephones

dimensions mm (W x H x D) 27,0 x 142,0 x 45,0   weight 400 g

P/N 8319826   TS104

2-wires self-healing flat cable, section 2mmq, suitable for the shunting
of TS105 clamp connector
(packaged in coil of 500 meters)

Accessory for all Self-Powered and Portable Telephones

dimensions mm (W x H) 16,0 x 6,0   weight 120 g/m

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INDOOR

P/N 7331250   TRILLO3PN

Acoustic/luminous ringer for indoor use
- adjustable volume up to 110dB/1m • incremental ringtone first ring 99dB / 1m
- 4 different ring tones • different tonality between phone call and bell call
- input bell call: AC 4 to 24V - DC 4 to 60V - voltage free contact
- 3 high efficiency LED signaling
- output for external loudspeaker 8W-4ohm
- power supply 240V - 50Hz
- output 12VDC for external relay bridging ringer's breaks for continuous activating of rotating lamps

dimensions mm (W x H x D) 106,0 x 225,0 x 73,0   weight 1,5 kg

ACOUSTIC / LUMINOUS

WALL MOUNTING

WEATHERPROOF

P/N 7322255   TRILLO 201 T/E

Telephone auxiliary ringer
- weatherproof IP55 protection
- no need of external supply
- 95dB/1m
- Adjustable volume and melody

dimensions mm (W x H x D) 106,0 x 140,0 x 73,0   weight 500 g

ACOUSTIC

WALL MOUNTING

IP55

P/N 7322260   TRILLO FLASH 201T/E

Weather proof telephone and bell ringer with XENON flashing lamp
- clear colour
- Maximum acoustic output 95dB/1m
- Power supply 48VDC
- Operation modes: acoustic & optical, acoustic only, optical only

dimensions mm (W x H x D) 106,0 x 140,0 x 120,0   weight 550 g

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

P/N 7332306   R140 FLASH/220

Weatherproof luminous/acoustical telephone ringer
- adjustable volume up to 120dB/1m
- power supply 220 VAC
- with XENON flashing lamp amber colour
- IP66 protection

dimensions mm (W x H x D) 192,0 x 240,0 x 170,0   weight 4,5 kg

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

- 35°C to + 70°C

WEATHERPROOF

P/N 7332310   R140 FLASH/R/220

Weatherproof luminous/acoustical telephone ringer
• adjustable volume up to 120dB/1m
• power supply 220VAC
• with XENON flashing lamp amber colour
• IP66 protection
• equipped with relay for auxiliary rotating beacons driving

ACOUSTIC / LUMINOUS
WALL MOUNTING
IP66
- 35°C to + 70°C

dimensions mm (W x H x D) 192,0 x 240,0 x 170,0   weight 4,5 kg

P/N 7322275   TRILLO 201 EN

Weatherproof electrical ringer
• IP55 protection
• 95dB/1m
• Multi-voltage power supply 12 to 24VAC or 48VDC
• Adjustable volume and melody

ACOUSTIC
WALL MOUNTING
IP55

dimensions mm (W x H x D) 106,0 x 140,0 x 73,0   weight 500 g

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INDOOR

P/N 7331500   R118E

Multi-voltage telephone electronic ringer's relay
- suitable for loads at 115-230Vac (max 5A) or 24÷48Vdc (max 1A)
- Indoor version for mounting on DIN rail
- Two output contacts: one repeats the ringing signal cadence, the other one bridges the call breaks

RAIL DIN MOUNTING

dimensions mm (W x H x D) 91,0 x 72,0 x 71,0   weight 220 g

WEATHERPROOF

P/N 7332230   R118ES

Multi-voltage telephone electronic ringer's relay
- Features as R118E - P/N 7331500, but mounted into aluminium die cast weatherproof case
- IP66 protection, (without cable gland)

WALL MOUNTING

IP66

dimensions mm (W x H x D) 165,0 x 140,0 x 66,0   weight 700 g

EXPLOSION-PROOF

P/N 7333140   R118EAD

Multi-voltage telephone electronic ringer's relay
- Features as R118E - P/N 7331500, but mounted into explosion-proof ATEX case
- IP66 protection

WALL MOUNTING

IP66

ATEX

dimensions mm (W x H x D) 198,0 x 150,0 x 130,0   weight 3,0 kg

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Loudspeakers for Special Application

INDOOR

P/N J7327017   BIVOX

Acoustic diffusion set, equipped with 2 loudspeakers
• impedance 16 ohm (8 ohm + 8 ohm)
• 6 W max output
• for protruding or flush mounting
• vandalproof version

Model specially suitable for city-bus

WALL MOUNTING

- 20°C to + 60°C

dimensions mm (W x H x D) 265,0 x 80,0 x 95,0   weight 725 g

WEATHERPROOF

P/N 7327272   AP44

Weatherproof loudspeaker
• Polypropylene homopolymer
• IP54 protection
• 30W output
• 8 ohm impedence
• Supplied with 2m cable

WALL MOUNTING

IP54

dimensions mm (W x H x D) 100,0 x 100,0 x 90,0   weight 870 g

EXPLOSION-PROOF

P/N 7327418D   AP13D/30

Explosion-proof 30W loudspeaker
• IP66 protection
• 8 ohm impedence
• ATEX II 2GD Ex db IIC T6/5

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions mm (W x H x D) Ø 500,0 x 580,0   weight 5,600 kg

P/N 7327419D   AP13DT/30

Explosion-proof 30W loudspeaker
• IP66 protection
• with 100V transformer
• ATEX II 2GD Ex db IIC T6/5

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions mm (W x H x D) Ø 500,0 x 580,0   weight 5,600 kg

WEATHERPROOF

P/N J7327016   BIVOX/IR

Acoustic diffusion set
• equipped with 2 amplified loudspeakers
• IP54 protection
• 6 W max output
• for protruding or flush mounting
• vandalproof version
• adjustable volume by remote control (it makes easier putting into service)
• Model specially suitable for city-bus
• Power supply: 24VDC (18VDC to 36VDC)

WALL MOUNTING

IP54

- 20°C to + 60°C

dimensions mm (W x H x D) 265,0 x 80,0 x 95,0   weight 1,140 kg

P/N 7327018   IR100

Accessory for BIVOX/IR loudspeaker

Infrared remote control, suitable for BIVOX/IR diffusion set

P/N 7327156   XP14N/24-48

Amplified 20W loudspeaker
• ABS enclosure
• weatherproof IP55 protection
• supply voltage from 24 to 48VDC

WALL MOUNTING

IP55

dimensions mm (W x H x D) 165,0 x 220,0 x 250,0   weight 1,85 kg

P/N 7327166   XPR14N/24-48

Amplified 15W loudspeaker
• ABS enclosure
• weatherproof IP55 protection
• supply voltage from 24 to 48VDC

<Special version including the "self-adjustement" of the output volume, according to the "previous" ambient noise level>

WALL MOUNTING

IP55

dimensions mm (W x H x D) 165,0 x 220,0 x 250,0   weight 1,85 kg

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WEATHERPROOF

P/N 7327375   XP11L/24-48

Weatherproof horn loudspeaker
• IP65 protection
• with built-in 25W amplifier
• Dual supply voltage 24 - 48VDC
• 2m length provided connecting cable

WALL MOUNTING

IP65

dimensions mm (W x H x D) Ø 315,0 x 345,0   weight 3,45 kg

P/N 7327377   XP11LE/24-48

Weatherproof horn loudspeaker
• IP65 protection
• with built-in 25W amplifier
• Dual supply voltage 24 - 48VDC
• 80 cm length provided connecting cable
  and Kit with 6-poles connector

WALL MOUNTING

IP65

dimensions mm (W x H x D) Ø 315,0 x 345,0   weight 3,45 kg

P/N 7327376   XPR11L/24-48

Waterproof horn loudspeaker • IP65 protection • with built-in 25W amplifier
• Dual supply voltage 24 - 48VDC
• 2m length provided connecting cable

<Special version including the "self-adjustement" of the output volume, according to the "previous" ambient noise level>

WALL MOUNTING

IP65

dimensions mm (W x H x D) Ø 315,0 x 345,0   weight 3,45 kg

EXPLOSION-PROOF

P/N 7327416D   XP13D/24-48

Explosion-proof horn loudspeaker
- IP66 protection
- with built-in 25W amplifier
- Dual supply voltage 24-48VDC
- ATEX IIC T3 certified

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions mm (W x H x D) Ø 500,0 x 580,0   weight 7,0 kg

P/N 7327431D   XPR13D/24-48

Explosion-proof horn loudspeaker
- IP65 protection
- with built-in 25W amplifier
- Dual supply voltage 24-48VDC
- ATEX IIC T3 certified

<Special version including the "self-adjustement" of the output volume, according to the "previous" ambient noise level>

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions mm (W x H x D) Ø 500,0 x 580,0   weight 7,0 kg

P/N XP12AD   XP12AD/24-48

Explosion-proof horn loudspeaker
- IP66 protection
- with built-in 25W amplifier
- Dual supply voltage 24-48VDC
- ATEX IIC T3 certified

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions mm (W x H x D) Ø 500,0 x 580,0   weight 7,0 kg

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P/N 7327363 **Kit with 6-poles connector**

Armored connecting hose 80 cm lenght
• weatherproof protection
• threaded inlet (loudspeaker side) 3/8" GAS
• with detached 6-poles plug to be wired to the loudspeaker's cable
• Suitable for 6-poles socket P/N 7327364

weight 480 g

P/N 7327364 **Kit with 6-poles socket**

6-poles socket, with weatherproof cover and safety hooking
• 2 threaded PG16 entries
• Suitable for 6-poles connector P/N 7327363

WALL MOUNTING

weight 320 g

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P/N 7272735   PR164-1/240

Surtector Protection Module for 1 analog or ADSL telephone line

RAIL DIN MOUNTING

dimensions mm (W x H x D) 36,0 x 80,0 x 28,0   weight 125 g

P/N 7272720   PR164-2/240

Surtector Multiple Protection Module for 2 analog or ADSL telephone lines

RAIL DIN MOUNTING

dimensions mm (W x H x D) 36,0 x 80,0 x 28,0   weight 125 g

P/N 7272730   PR164-3/240

Surtector Multiple Protection Module for 3 analog or ADSL telephone lines

RAIL DIN MOUNTING

dimensions mm (W x H x D) 54,0 x 80,0 x 28,0   weight 187 g

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INDOOR

P/N 7251174   TRA50/4 Telephone Line Extender

Telephone analog line length extender
It allows up to 4 standard analog telephones to operate with a standard PBX up to:
• 10 km far (by using diam.0.6mm cable pairs), or even
• 15 km far (by using diam.0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines
The unit must be powered @ 230VAC

RAIL DIN MOUNTING

dimensions mm (W x H x D) 157,0 x 90,0 x 60,0   weight 600 g

P/N 7162020   ReteMatic™ IP-RMH1

The ReteMatic™ Network Infrastructure and its devices have been designed to bring network connection within industrial and harsh environments by combining power line and robust data communication over a single medium, the standard power cable.

RACK MOUTING

-40°C to +80°C

ReteMatic™ System components

dimensions 483,0 x 44,0 x 240,0 mm   weight 2,9 kg

EXPLOSION-PROOF

P/N 7715644   ReteMatic™ RMF50-EX

The ReteMatic™ Network Infrastructure and its devices have been designed to bring network connection within industrial and harsh environments by combining power line and robust data communication over a single medium, the standard power cable.

IP66

-40°C to +80°C

ATEX ZONE1

ReteMatic™ System components

dimensions mm (W x H x D) 174,0 x 138,0 x 220,0   weight 4,55 kg

P/N 7715641   ReteMatic™ RMF150B-EX

The ReteMatic™ Network Infrastructure and its devices have been designed to bring network connection within industrial and harsh environments by combining power line and robust data communication over a single medium, the standard power cable.

IP66

-40°C to +80°C

ATEX Zone1

ReteMatic™ System components

dimensions mm (W x H x D) 230,0 x 164,0 x 304,0   weight 8,1 kg

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P/N 7453101   EMERGENCY PILLARS FOR METRO STATIONS

Family of Products expressly manufactured according to Customer specifications
The pillars is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets

dimensions mm (W x H x D) Ø 194,0 x 1.740,0

P/N 7454110   EMERGENCY PILLARS FOR METRO STATIONS

Family of Products expressly manufactured according to Customer specifications
The pillars is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets

dimensions mm (W x H x D) Ø 194,0 x 2.000,0

P/N 7454404   EMERGENCY PILLARS FOR HIGHWAYS AND CITY PARKS

Family of Products expressly manufactured according to Customer specifications, for roads and motorways
The pillars is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets

GRP 4mm/5,5 mm - IP54 - RAL2009
Basement stainless steel AISI304

IP54

dimensions mm (W x H x D) 330,0 x 1.916,0 x 540,0

P/N D001171   EMERGENCY PILLARS FOR HIGHWAYS AND CITY PARKS

Family of Products expressly manufactured according to Customer specifications, for roads and motorways
The pillars is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets

Stainless steel 1 mm, V4A, AISI316, SIA 179 classe II

dimensions mm (W x H x D) 356,0 x 1.934,0 x 317,0

P/N 7454300 **SOS PILLAR FOR RAILWAY STATIONS**

SOS pillar for Railway Stations - Integrated Emergency Call System with CCTV system for video-surveillance

dimensions mm (W x H x D) 450,0 x 2250,0 x 200,0

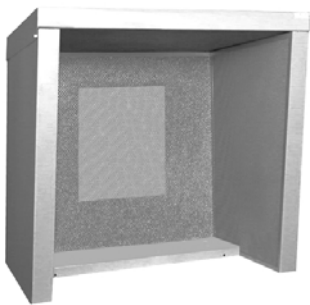**P/N D001157** **INFO/SOS PILLARS FOR RAILWAYS STATIONS**

EMERGENCY PILLAR RAILWAYS STATION
VOIP PHONE INCLUDED
CCTV CAMERA EXCLUDED
STEEL

IP65

Family of Products expressly manufactured according to Customer specifications
The pillars is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets

dimensions mm (W x H x D) 500,0 x 2300,0 x 175,0

P/N 5617135   AG/F INOX

Disassemblable acoustic booth stainless steel INOX AISI 304
• satin finished • no paint
• 21dB mean noise reduction
• with support plate suitable for TAS2000, TAS360, IF2000 and TAS22AD
FITRE-Phones and Intercoms.
Note: the disassembled acoustic booth allows a substantial reduction of transport and storage costs

INOX AISI 304

MOST RECOMMENDED USE IN OIL&GAS APPLICATIONS

dimensions mm (W x H x D) 700,0 x 680,0 x 600,0   weight 38,0 kg

P/N 5617147   AG/F YE

Disassemblable acoustic booth stainless steel INOX AISI 304
• painted yellow RAL1021
• 21dB mean noise reduction
• with support plate suitable for TAS2000, TAS360, IF2000, TAS22AD
   FITRE-Phones and Intercoms.
Note: the disassembled acoustic booth allows a substantial reduction of transport and storage costs

INOX AISI 304

SUITABLE USE IN OIL&GAS APPLICATIONS

dimensions mm (W x H x D) 700,0 x 680,0 x 600,0   weight 38,0 kg

P/N 5617136   AG/F OR

Disassemblable acoustic booth stainless steel INOX AISI 304
• painted orange RAL2000
• 21dB mean noise reduction
• with support plate suitable for TAS2000, TAS360, IF2000, TAS22AD
   FITRE-Phones and Intercoms.
Note: the disassembled acoustic booth allows a substantial reduction of transport and storage costs

INOX AISI 304

SUITABLE USE IN OIL&GAS APPLICATIONS

dimensions mm (W x H x D) 700,0 x 680,0 x 600,0   weight 38,0 kg

P/N 5617166   AGX 92/F

Disassemblable acoustic booth stainless steel INOX AISI 304
• painted yellow color RAL1021
• with support plate suitable for TAS2000, TAS360, IF2000,
   TAS22AD FITRE-Phones and Intercoms.
Note: the disassembled acoustic booth allows a substantial reduction of transport and storage costs

INOX AISI 304

SUITABLE USE IN OIL&GAS APPLICATIONS

dimensions mm (W x H x D) 700,0 x 920,0 x 700,0

P/N 5617128   AG/F

Disassemblable acoustic booth galvanized steel
• painted orange RAL2000
• 21dB mean noise reduction
• with support plate suitable for TAS2000, TAS360, IF2000, TAS22AD
  FITRE-Phones and Intercoms.
Note: the disassembled acoustic booth allows a substantial reduction of
transport and storage costs

GALVANIZED STEEL

INDUSTRIAL APPLICATIONS

dimensions mm (W x H x D) 700,0 x 680,0 x 600,0   weight 38,0 kg

P/N 5617140   P52

Plastic protection hood
• yellow colour
• with support plate suitable for TAS2000, TAS360, IF2000, TAS21
  FITRE-Phones and Intercoms.

PLASTIC

NOT RECOMMENDED USE IN INDUSTRIAL APPLICATIONS

dimensions mm (W x H x D) 530,0 x 700,0 x 400,0   weight 9,5 kg

P/N 5617161   BPX70-92/F

Booth pillar 1995 mm heigh
• stainless steel INOX AISI 304
• painted yellow color RAL1021.
• Suitable for AG and AGX series of FITRE Acoustic Booths

INOX AISI 304

SUITABLE USE IN OIL&GAS APPLICATIONS

dimensions mm (W x H x D) 450,0 x 1.995,0 x 304,0   weight 35,0 kg

P/N 5617163   BPX70-92

Booth pillar 1995 mm heigh
• galvanized steel
• painted grey color RAL7031
• Suitable for AG and AGX series of FITRE Acoustic Booths

GALVANIZED STEEL

INDUSTRIAL APPLICATIONS

dimensions mm (W x H x D) 450,0 x 1.995,0 x 304,0   weight 40,0 kg

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P/N 5617180   Pillar extender

Accessory for BPX70-92 and BPX70-92/F pillars

Pillar extender to 2500 mm heigh
• stainless steel INOX AISI 304 • no paint
• with brackets for installing a luminous/acoustical telephone
  ringing beacon (R140 or TWIN series)

INOX AISI 304

MOST RECOMMENDED USE IN OIL&GAS APPLICATIONS

P/N 5617141   PILLAR FOR P52 BOOTH

Technoplastic pillar
• made in gray GRP resin
• with accessories for fixing P52 protection hood

GRP

NOT RECOMMENDED USE IN INDUSTRIAL APPLICATIONS

dimensions mm (W x H x D) 100,0 x 2.000,0 x 100,0

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P/N 8343101   IMS1892PS

Magnetic switch - two position

dimensions mm (W x H x D) 246,0 x 173,0 x 55,0   weight 3,4 kg

P/N 8343201   IMS1892RA

Magnetic switch - automatic reset

dimensions mm (W x H x D) 246,0 x 173,0 x 55,0   weight 3,4 kg

P/N 8343102   IMS1919PS

Magnetic switch - two position

dimensions mm (W x H x D) 97,0 x 270,0 x 54,0   weight 2,0 kg

P/N 8343202   IMS1919RA

Magnetic switch - automatic reset

dimensions mm (W x H x D) 97,0 x 270,0 x 54,0   weight 2,0 kg

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P/N 8341101   IMS1927A50/N

Permanent magnet inductor NORTH polarity
• Max.operating distance 110 mm

dimensions mm (W x H x D) 190,0 x 105,0 x 105,0   weight 3,65 kg

P/N 8341102   IMS1927A50/S

Permanent magnet inductor SOUTH polarity
• Max.operating distance 110 mm

dimensions mm (W x H x D) 190,0 x 105,0 x 105,0   weight 3,65 kg

P/N 8341103   IMS1927A36/N

Permanent magnet inductor NORTH polarity
• Max.operating distance 60 mm

dimensions mm (W x H x D) 150,0 x 80,0 x 70,0   weight 1,4 kg

P/N 8341104   IMS1927A36/S

Permanent magnet inductor SOUTH polarity
• Max.operating distance 60 mm

dimensions mm (W x H x D) 150,0 x 80,0 x 70,0   weight 1,4 kg

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P/N 8341201   IMS1895

Permanent magnet inductor
• Max.operating distance 180 mm

dimensions mm (W x H x D) 258,0 x 77,0 x 68,0   weight 3,0 kg

P/N 8341202   IMS1922

Permanent magnet inductor
• Max.operating distance 60 mm

dimensions mm (W x H x D) 200,0 x 60,0 x 60,0   weight 1,3 kg

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P/N 7575125   ASTRO EN54-16 PAGA/PAVA SERVER UNIT

ASTRO EN54-16: CERTIFIED FLEXIBILITY

• Power Supply:
  wide range 19-36 VDC (nominal 24 VDC)
  1.25 A typical, 4 A max
• Network Interfaces:
  2 Gigabit Ethernet ports
• Serial Interfaces:
  RS-232, RS-485 (opt.RS-422)

-5°C to +60°C

dimensions mm (W x H x D) 435,0 x 300,0 x 44,0

P/N 7571102   ASTRO AF120-24SD ASTRO SYSTEM MANAGER SERVER UNIT

ASTRO VOIP COMMUNICATION SYSTEM:
INDUSTRIAL RELIABILITY MADE FLEXIBLE

• Power Supply:
  wide range 19-36 VDC (nominal 24 VDC)
  1.25 A typical, 4 A max
• Network Interfaces:
  2 Gigabit Ethernet ports
• Serial Interfaces:
  RS-232, RS-485 (opt.RS-422)

-5°C to +60°C

dimensions mm (W x H x D) 435,0 x 300,0 x 44,0

P/N 7571181   ASTRO ASMR HA 1U

Astro ASMR High Availability 1U (redundant server unit) equipped with cables to connect to the main server unit.
Includes redundancy software to provide "Hot-Spare" redundancy with automatic takeover in case of fault of the main server.
• Powered by PSDV-320AA redundant power supply provided with the main server unit
• Two Solid State Disks, one embedded and one removable, in working + backup configuration with automatic rebuild of the working disk in case of failure
• Two 10/100/1000 Mbps Ethernet ports for redundant network connection

-5°C to +60°C

dimensions mm (W x H x D) 435,0 x 300,0 x 44,0

P/N 7575104   PSDV EN54-16

POWER SUPPLY DISTRIBUTION & VISUALIZATION EN54-16 CERTIFIED

The PSDV module is equipped with:
• 8 opto-isolated voltage contacts inputs to generate alarms;
• 8 opto-isolated voltage free inputs to generate alarms;
• 2 output relays to detect the emission status of the announcement and the system status;
• 2 programmable and supplementary output relays.

RACK MOUTING

-30°C to +70°C

dimensions mm (W x H x D) 486,0 x 44,5 x 305,0   weight 4,3 kg

P/N 7571111   PSU PSDV-320AA

REDUNDANT POWER SUPPLY PSDV-320AA WITH HANDHELD
MICROPHONE AND I/Os

RACK MOUTING

-30°C to +60°C

• Redundant 320W Power Supply with:
  two independent 110-230VAC power inlets
  and eight 24VDC outputs, fully diagnosticated
• Hand-held microphone for emergency paging directly from
  the cabinet, even in case of server fault
• Eight Inputs (dry contact or 12 to 60VDC)
  and 4 Relay Outputs (NO/NC)
• Two 10/100/1000 Mbps Ethernet ports for redundant
  network connection

dimensions mm (W x H x D) 486,0 x 44,5 x 305,0   weight 4,3 kg

P/N 7531126   GFX rack

The GFX3200+ series analog VoIP gateways are products designated to
provide telephony services with security-enhanced capabilities in the
modern complex networks. The GFX3200+ gateway provides a
connection platform between traditional POTS lines and the IP network
with addition intelligent features like long loop, line testing, polarity
reversal, caller ID, call transfer, call waiting etc.

RACK MOUTING

0°C to + 45°C

Rack 19" equipped with two slots for:
7531127: GFXE0808 (8 FXS + 8 FXO ports)
7531128: GFXE0016 (16 FXS ports)
7531129: GFXE1600 (16 FXO ports)

dimensions mm (W x H x D) 445,0 x 45,0,0 x 250,0   weight 3,1 kg

P/N 7531127   GFXE0808

The GFX3200+ series analog VoIP gateways are products designated to
provide telephony services with security-enhanced capabilities in the
modern complex networks.
The GFX3200+ gateway provides a connection platform between
traditional POTS lines and the IP network with addition intelligent
features like long loop, line testing, polarity reversal, caller ID, call
transfer, call waiting etc.

RACK MOUTING

0°C to + 45°C

Model
8 FXS ports + 8 FXO ports

dimensions mm (W x H x D) 445,0 x 45,0,0 x 250,0   weight 3,1 kg

P/N 7531128   GFXE0016

The GFX3200+ series analog VoIP gateways are products designated to
provide telephony services with security-enhanced capabilities in the
modern complex networks.
The GFX3200+ gateway provides a connection platform between
traditional POTS lines and the IP network with addition intelligent
features like long loop, line testing, polarity reversal, caller ID, call
transfer, call waiting etc.

RACK MOUTING

0°C to + 45°C

Model
16 FXS ports

dimensions mm (W x H x D) 445,0 x 45,0,0 x 250,0   weight 3,1 kg

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P/N 7531129   GFXE1600

The GFX3200+ series analog VoIP gateways are products designated to provide telephony services with security-enhanced capabilities in the modern complex networks.
The GFX3200+ gateway provides a connection platform between traditional POTS lines and the IP network with addition intelligent features like long loop, line testing, polarity reversal, caller ID, call transfer, call waiting etc.

Model
16 FXO ports

RACK MOUTING

dimensions mm (W x H x D) 445,0 x 45,0,0 x 250,0   weight 3,1 kg

P/N 7549349   IP-RACK MOUNTING FRAME

Rack mounting frame 3U to install up to 10 IP-DECT/IP-TRONIC modules into a standard 19" cabinet .

RACK MOUTING

dimensions mm (W x H x D) 483,0 x 216,0 x 132,5

P/N 7549280   IP-MAG

The IP-MAG card allows interfacing of the non-powered magnetophonic lines and the IP network by managing the call and conversation criteria between the devices in the field and the digital operator station.

• Power supply: 24 VDC (6W)
• Ethernet Connection: RJ45

RACK MOUTING

- 20°C to + 70°C

dimensionsmm (W x H x D) 406, x 128,4 x 100,0 mm   weight 0,7 kg

P/N 7549283   IP-MAG-EXP

The IP-MAG-EXP board constitutes an expansion of IP-MAG tab and allows you to manage the origin of the calls from multiple dedicated lines by transferring this information to the IP-MAG, and then the unit of ASTRO System Manager control.
In addition, the 8 lines can also serve as a call lines from the center towards the apparatus by means of sending a voltage that will trigger the device ringtone.
The board is powered by the IP-MAG to which it is connected.

RACK MOUTING

- 20°C to + 70°C

dimensionsmm (W x H x D) 30,5 x 128,4 x 100,0 mm   weight 0,7 kg

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P/N 7575106   IP-DAD RACK BASE

Rackmount backplane with 4 slots for IP-DAD modules.
The backplane supports a back-up feature, allowing a back-up IP-DAD module to take over in case of failure of one of the operating modules. A double Ethernet interface allows for a redundant network connection for increased safety.

RACK MOUTING

- 30°C to + 70°C

dimensions mm (W x H x D) 486,0 x 44,0 x 386,0

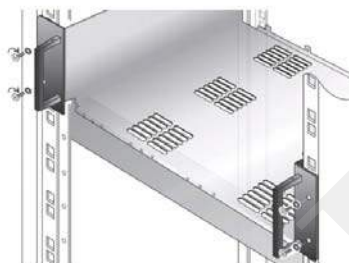## P/N 7575107   IP-DAD RACK MODULE

Each IP-DAD module control one FPMD power amplifier.

• Standard and Back-up operating modes
• Supports both SIP and Fast PA protocols
• Double Ethernet interface for redundant network connection
• RS485 serial interface for managing the diagnostics
  of the FPMD power amplifiers
• Analogue audio output towards the power amplifiers, available
  with a RJ45 connection or through a Balanced output.
• Power supply: 24 VDC nominal (23 to 30 VDC accepted)
• Power consumption: 3.6 W maximum

RACK MOUTING

- 30°C to + 70°C

P/N 7733131   FPMD RACKMOUNT FRAME

Rackmount frame for standard 19" cabinet for FPMD amplifiers.
• Allows for up to 4 FPMD 125/250
    or 2 FPMD 500
    or 1 FPMD 500 and 2 FPMD 125/250
• Handles included
• 3U occupancy

RACK MOUTING

P/N 7733144   FPMD500-AMC

The FPMD class "D" power amplifier series has been designed on the basis of the EN 54-16 standard to guarantee a high level of reliability with an efficient energy footprint.
• EN54-16 certified
• Rated power output @230 Vac: 500 W rms D=2,5%
  Power @230 Vac -10%: 470 W rms D=10%
  Power @24 Vdc:437 W rms D=10%
• Maximum power consumption 740 W

RACK MOUTING

-10°C to +45°C

dimensions mm (W x H x D) 200,0 x 130,0 x 395,0   weight 14,8 kg

P/N 7733143   FPMD250-AMC

The FPMD class "D" power amplifier series has been designed on the basis of the EN 54-16 standard to guarantee a high level of reliability with an efficient energy footprint.
• EN54-16 certified
• Rated power output @230 Vac: 250 W rms D=3%
   Power @230 Vac -10% : 250 W rms D=10%
   Power @24 Vdc210 W rms D=10%
• Maximum power consumption 410 W

RACK MOUTING

-10°C to +45°C

dimensions mm (W x H x D) 100,0 x 130,0 x 395,0   weight 9,2 kg

P/N 7733145   FPMD125-AMC

The FPMD class "D" power amplifier series has been designed on the basis of the EN 54-16 standard to guarantee a high level of reliability with an efficient energy footprint.
• EN54-16 certified
• Rated power output @230 Vac: 125 W rms D=0,5%
   Power @230 Vac -10%: 125 W rms D=6%
   Power @24 Vdc:103 W rms D=10%
• Maximum power consumption 195 W

RACK MOUTING

-10°C to +45°C

dimensions mm (W x H x D) 100,0 x 130,0 x 395,0   weight 8,4 kg

P/N 7575110   ECxI Rack External Control "x" Interface EN54-16

Rack unit equipped with the following connections:
• a connector for the 24 Vdc input voltage, coming from the PSDV module;
• an Ethernet port ("LAN A") for the connection to the ASTRO Control Unit;
• an Ethernet port ("LAN B") for the loop-through connection to the other units;
• 2 opto-isolated inputs (voltage contacts) and 4 output relays.

RACK MOUTING

-30°C to +70°C

dimensions mm (W x H x D) 486,0 x 44,5 x 305,0   weight 2,9 kg

P/N 7575108   ECBI External Control Beacon Interface EN54-16 - 110/230VAC

The ECBI (External Control Beacon Interface) module manages the switching on of the beacons and oversees to the diagnostics of the power line. Each module is capable of controlling up to 4 connection lines of beacons, through a power contact and the diagnostics of the line, by detecting the conditions of "short circuit", "open line" and "dispersion to the ground".
The maximum capacity of each line is 5 A. The power supply of the beacons is tipically included from 110 to 230 Vac.
The ECBI module is powered by the ECxI rack unit by means of 24 Vdc voltage, coming from the PSDV module.

RACK MOUTING

-30°C to +70°C

P/N 7575112   ECBI External Control Beacon Interface EN54-16 - 24/48VDC

The ECBI (External Control Beacon Interface) module manages the switching on of the beacons and oversees to the diagnostics of the power line. Each module is capable of controlling up to 4 connection lines of beacons, through a power contact and the diagnostics of the line, by detecting the conditions of "short circuit", "open line" and "dispersion to the ground".
The maximum capacity of each line is 5 A. The power supply of the beacons is tipically included from 24 to 48 Vdc.
The ECBI module is powered by the ECxI rack unit by means of 24 Vdc voltage, coming from the PSDV module.

RACK MOUTING

-30°C to +70°C

P/N 7575109   ECRI External Control Relay Interface EN54-16

The ECRI (External Control Relay Interface) module manages output relay contacts (volt free contacts) and opto-isolated inputs. Each ECRI module is able to manage:
• 8 output contacts
• 8 inputs coming from closed contacts or voltages included from 5 to 60 Vdc. The working mode of each input is selected by jumpers based on the ECRI module. The positioning of each jumper determines 2 possible operating modes:
• "VC": the input is controlled by a DC voltage;
• "CC": the input is controlled by the closing of a free voltage contact.

RACK MOUTING

-30°C to +70°C

P/N 7327332   AM140

Ambient Noise Microphone for PA and PAGA Systems
ELECTRIC TECHNICAL SPECIFICATIONS
• Supply Voltage Range: 18 to 36 VDC
• Power Consumption: 3W max
• Output: 0 dBm balanced audio
• Ambient Noise Measurement Range: 55 to 95 dBA
• Connection: 4 wires
• Temperature Range: -10°C to +85°C
• Humidity Range: 0% to 98% non-condensing
• Ingress Protection:IP65

IP65

-10°C to +85°C

IP protection degree decoding table

DIN 40050 - IEC 529 (EN 60529)

1st digit: protection against penetration of solid objects	2nd digit: protection against penetration of water
0 no special protection	**0** no special protection
1 objects > 50,0 mm	**1** vertically dripping water
2 objects > 12,0 mm	**2** angled dripping water (15° from the vertical)
3 objects > 2.5 mm	**3** sprayed water (60° from the vertical)
4 objects > 1.0 mm	**4** splashed and sprayed water (all directions)
5 entry of dust	**5** low pressure jet water
6 complete protection against entry of dust	**6** sea waves
	7 temporary immersion
	8 continuous submersion

Classification table for apparatus in explosive areas

ATEX 94/9/CE

	Group I: mines and their surface plants		Group II: surface and other sites		
	cat. M1	**cat. M2**	**cat. 1**	**cat. 2**	**cat. 3**
explosive atmosphere	present	probably present	always present	probably present	
kind of substance	methane, combustible dust	methane, combustible dust	gases, steams, fogs, dust	gases, steams, fogs, dust	gases, steams, fogs, dust
protection level	very high	high	very high	high	normal
zone correlation			gas zone 0 - dust zone 20	gas zone 1 - dust zone 21	gas zone 2 - dust zone 22

Gas	Dust	
0	20	Permanent or long time or frequent explosive atmospheres
1	21	Occasionally explosive atmospheres
2	22	Rarely explosive atmospheres

example
areas with combustible dusts

CE XXX ⟨Ex⟩ II 2 D T125°

- CE mark
- notified body
- potentially explosive atmosphere
- group
- category
- dust (D) - gas (G)
- certified surface temperature

protection modes:
e = increased safety
i = intrinsically safety
d = flameproof
group

(max) surface temperature class:
T1= 450°C - T1= 300°C
T3= 200°C - T4= 135°C
T5= 100°C - T6= 85°C

example
areas with explosion gases

CE XXX ⟨Ex⟩ II 2 G EEx e IIB T4

- CE mark
- notified body
- potentially explosive atmosphere
- group
- category
- gas (G) - dust (D)
- explosionproof protection
- european certification
- typical gas:
  A = propane
  B = ethylene
  C = hydrogen

more about FITRE

Fitre is a manufacturer with an enviable experience in the industrial telecommunications sector, found in a very complete and wide range of products, offering the most advanced technical solutions for communications in Transports and Heavy Industries as Petrochemical, Power and Industrial Plants and other harsh environments. That is proven by countless worldwide installations.

Strongly focussed to provide real added value and creative problem-solving solutions to its Customers, **Fitre** often is partner with leading manufacturers to supply state-of-the-art products on the whole product range.

With its own Hardware and Software Laboratories, **Fitre** develops systems and equipment based on the most up to date communications technologies, both analogue than VoIP, and corresponding the most stringent certification standards.

It has to be particularly highlighted the Emergency Systems with centralized diagnostic, designed for applications in Oil & Gas Plants, Railway Stations, Tunnels and on-board trains, certified according to EN50155 & EN54-16 rules.

The heart of these systems is **"Astro System Manager"**, a perfect integrated digital IP system, modular and flexible for optimally managing the communication services for all these applications.

With the own specific and distinguishing flexibility, each system may be configured meeting all the Customer's specifications, even developing special functions.

Astro is designed for operating as a stand-alone system and has a modern IP based digital scalable architecture, either in software and in hardware, so that it offers the maximum level of flexibility and modularity and it can be expanded just adding software functions and/or hardware modules.

A common platform for managing both Intercom, Emergency and Public Address functions: thanks to this fully exploitable system setting, **Astro** is the perfect solution to fulfil every communication demands.

Everything is designed for meeting the high sophisticated demand in terms of safety and reliability, proposing redundant as well hierarchic architectures.

If that were not enough, **Fitre** guarantees the maximum level of flexibility and integration of the system respect to the functional point of view, configuring the **"Astro System Call Manager"** according to the Customer's specifications and providing the interfaces with the external systems (also supplied by others) through appropriate standard software tools. The operator has a real-time control of the system status and he can manage even by remote, through a standard Internet connection.

Even in case of long-distance connections between the LAN switch and the intercom/telephone stations, **Fitre** supports own Customers offering **ReteMatic**, the state-of-the-art technology based on two only wires connection, for transporting either the power supply voltage and the digital SIP protocols.

To satisfy all needs, **Fitre** manufactures a very wide range of station types: flush mounting, wall mounting and desk stations, weatherproof and vandal-proof, also with the required customized keys.

highlight

IF-PowerDrill

The most advanced Intercom and PAGA System for exploration Drilling Rigs

ASTRO PAGA

Public Address & General Alarm
EN 54-16
Certification

TASVoIP-952

Digital Emergency/Info Call Telephone Point

TASVOICE 164/2

SOS Emergency call point for on-board Railway applications

Explosion-proof VoIP Telephone and Intercom Stations

ATEX certified for Zone 1, either with handset or hands-free, fully suitable for the Oil & Gas world

Look online at the main certifications of our Quality System and our products

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