

TAS360 VoIP-Ex 5K - 2L - MX3

**Explosion-proof
VoIP Hands-Free Intercom Station
ATEX certified Zone 1**

Based on more than 10 years of strong experience in designing and manufacturing weather-proof VoIP Telephone and Intercom Stations, FITRE SpA is offering a new range of advanced EXPLOSION-PROOF VoIP Telephone and Intercom Stations, ATEX certified for Zone 1, either with handset either hands-free, fully suitable for the Oil & Gas world.

The **TAS360 VoIP-Ex 5K-2L-MX3** is a digital hands free Intercom Station managed by **ASTRO System Manager**, a **FITRE** powerful digital central unit expressly designed for handling **Intercom**, **Page & Talk** and **PAGA** functions. In addition to stations with **VOICE** functions only, in the **FITRE** range there are also stations equipped with integrated built-in **ALARM** keys.

The **TAS360 VoIP-Ex 5K-2L-MX3** owns very important features allowing its use even in the hardest and noisiest environments:

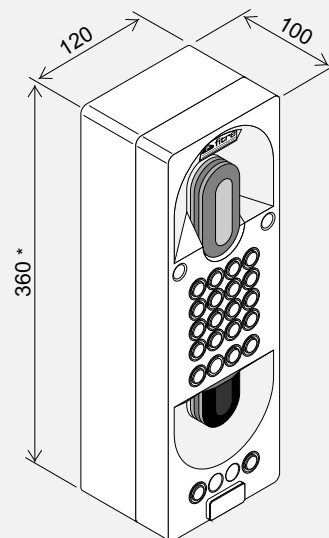
- very sturdy light alloy casting "copper-free" to ensure high protection against corrosive agents also in oil and chemical plants.
- IP66 protection degree.
- metal vandal-proof push-button keys.
- exclusive HW & SW ambient noise digital cancellation, suitable to allow a perfect voice communication between the users of this equipment.
- opto-coupled ON/OFF output for activating external signalling devices, like acoustical ringers and/or visual beacons.
- integrated loudspeaker volume control, easily carried out by **Vol+** and **Vol-** push-button keys.
- integrated analog audio output suitable for driving external amplified loudspeakers (e.g. FITRE - XP13/24-48V) in order of adding power to the intercom function.

The **TAS360 VoIP-Ex 5K-2L-MX3** is equipped by:

- 1 **Line ON/OFF** push-button.
- 1 **LED** showing the **Line ON**.
- 1 **PTT** Push To Talk push-button (**one-way mode** call function).
- 1 push-button for switching to **two-ways mode** hands free conversation.
- 1 **LED** showing the active **two ways mode** hands free conversation.
- 2 push-buttons **Vol+** and **Vol-** for volume control.

TECHNICAL FEATURES

Required supply	24 to 48 VDC - 2,2 W
Auxiliary Audio output	0 dB (0,707 Vrms)
Auxiliary Opto output	24 to 48 VDC - 10 mA
Ring signal volume	94dB @ 1m
Ethernet connection	1×10 Mb (IEEE 802.3af Power Over Ethernet)
Environment Relative Humidity	20 to 98% non-condensing
Degree Protection (IEC60529)	IP66
ATEX Marking	II 2G Ex e mb ib IIC T6, T5 Gb II 2D Ex tb IIIC T85°C, T100°C Db IP66
Temperature class	T6 with Tamb. -40°C / +40°C T5 with Tamb. -40°C / +55°C
EC-type Examination Certificate	IMQ13 ATEX 008
Certificate of Conformity	IECEX IMQ 13.0009X
Case	Weatherproof "copper-free" aluminium alloy
Colour	Yellow RAL1021/Black RAL9005
Dimensions (H×L×D)	360 × 120 × 100 mm
Weight	3.8 kg



* without cable glands