

TAS360 VoIP-Ex 20K - 6L - IS2

Explosion-proof VoIP Hands-Free
Telephone Set / Intercom Station
ATEX certified Zone 1

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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 20K-6L-IS2** is a set combining together:

- a digital hands-free Telephone Set, based on standard Ethernet networks, using the SIP protocol for direct communication with other SIP terminals or SIP PBXs.
- a digital hands free Intercom Station, managed by **ASTRO System Manager**, a FITRE powerful digital central unit expressly designed for handling **Intercom** and **PAGA** functions.


The **TAS360 VoIP-Ex 20K-6L-IS2** owns very important features allowing its use even in the hardest and noisiest environments:

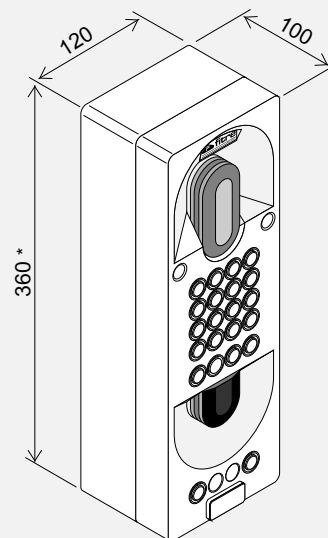
- very sturdy light alloy casting "copper-free" to ensure high protection against corrosive agents also in oil and chemical plants.
- IP66 protection degree.
- metal vandal-proof push-button keys.
- exclusive HW & SW ambient noise digital cancellation, suitable to allow a perfect voice communication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

Moreover the **TAS360 VoIP-Ex 20K-6L-IS2** is equipped, in addition to the standard telephone features (as call transfer, last number redial, ect.), also by:

- 2 LED showing the station operational condition.
- 4 memory keys (**M1 ... M4**) allowing direct calls to 4 desired stations or telephone numbers.
- 4 LED showing the memory keys operational condition.
- 2 push-buttons (**F1 ... F2**) for programmable additional functions.

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 13.0010X
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