



- **Standard Analogue or VoIP/SIP Explosion-proof & Weatherproof Telephone**
- **Aluminium alloy die-casting body**
- **Vandal resistant handset and armored cord**
- **Full Keypad**
- **Inductive coupler fitted as standard for hard of hearing**
- **Wall mounting, simple installation**
- **Phone line powered (Analogue)**
- **Power-Over-Ethernet/PoE (SIP-VoIP)**
- **II 2G Ex e ib [ib] mb IIC T4 Gb**
- **III 2D Ex ib [ib] tb IIIC T135 °**
- **Zone 1& Zone 2**
- **Weather proof protection to IP66-IP67**
- **ATEX, CE, FCC, RoHS compliant**

The Explosion Proof Telephone is designed for voice communication in the hostile environment where reliability, efficiency and safety are of prime importance. The telephone can handle the large temperature differences found outdoors, high humidity, exposure to sea water and dust, Corrosive atmosphere, Explosive gases & particles, as well as mechanical wear and tear, making it perfect for use as an emergency telephone.

The unique robust handset is manufactured from moulded Bulk Molding Compound and designed specifically to withstand arduous use in all environments, armoured cord to provide additional resistance to vandalism or heavy industrial use.

The Explosion-proof and Weatherproof Telephones are designed for use by the chemical plant, Coal Mine, power stations, the armed services and heavy industry which require very reliable and explosion protection telephony under adverse conditions.

ANALOGUE

As a standard analogue telephone, this unit provides basic telephone functions and can be connected to any standard two-wire telephone line, including analogue PABX lines and PSTN.

Dialing

MF (tone)

Power supply

Drawn from telephone line

Programming

Can be programmed remotely by DTMF tone or use keypad

VoIP/SIP

Telephone version

Standard SIP/VOIP Telephone

SIP Protocol

SIP protocol(Compatible with most IP PBX)

Connection

Direct connection to LAN or WAN via RJ45 connector

Power supply

Power over Ethernet

Configuration

Fully configurable through any internet browser or the on-board display

Static IP address provisioning or DHCP

TECHNICAL SPECIFICATIONS

Explosion protection:

II 2G Ex e ib [ib] mb IIC T4 Gb

III 2D Ex ib [ib] tb IIIC T135 °

-40 °C ≤ Ta ≤ +60 °C/+40°C

Zone 1, 2, 22

Lightning / Transients

Protection to ITU-T k.21 enhanced levels

Casing Material

Die cast aluminium, epoxy powder coated.

Color

Available in four colors:

Orange, Yellow, Red and Blue

Keypad

Weather resistant full Keypad, No. of keys (TOTAL 15 KEYS): 0-9, *, #, Redial, Mute, Last Number Redial

Handset

With Noise canceling microphone, for effective communication from noisy areas (Armored SS cord stands up to rough treatment, optional for black curly cord)

Mounting

Wall/column/structural

Captive cover screws prevent loss during installation

Weather Resistance

IP66-IP67

Ringtone

Built-in External Ringer that provides penetrating calling signal (85dbA@1meter)

Hook switch

Electronic / magnetic with no visible moving parts

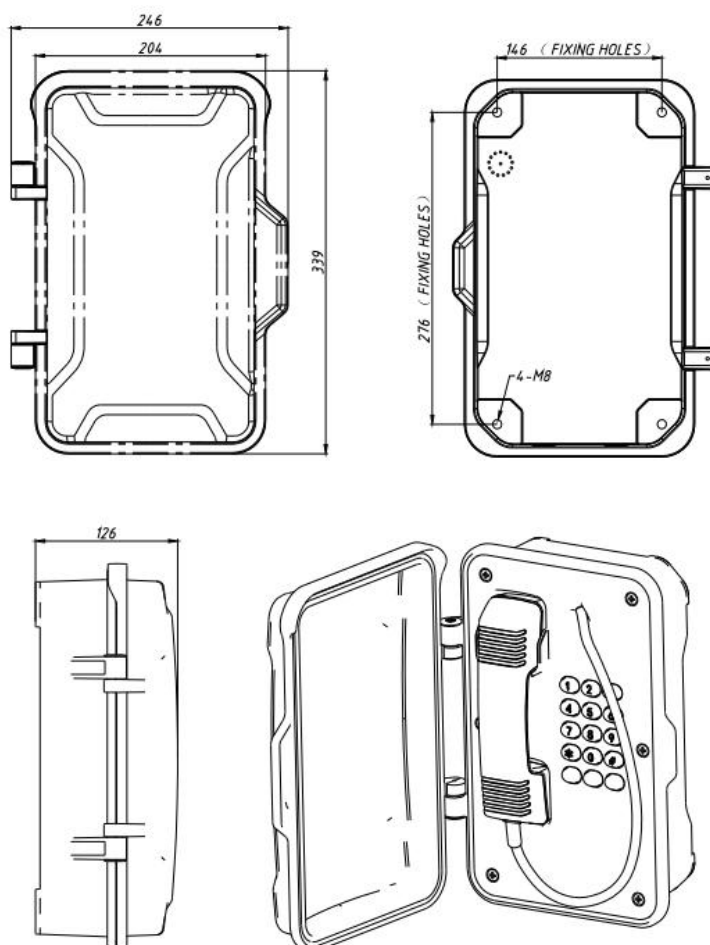
M.T.B.F.

Calculated to have an M.T.B.F. in excess of 50,000 hours using

Weight

Up to 9 kg depending on option

DIMENSIONS



(Measured in mm)

PACKAGE

Unit Size: 204*334*126 mm (H*W*D)

Packaging materials: pearl cotton, carton

Net weight: 8 KG

Gross weight: 8.8 KG

APPROVALS



This mark indicates compliance with the:
Radio & Telecommunications Terminal Equipment Directive
2004/108/EC



This mark indicates compliance with the:
FCC Part 15 Subpart B Class B



This mark indicates compliance with the:
II 2G Ex e ib mb IIC T4 Gb