



- **Standard Analogue/SIP phone with door**
- **42CM vandal resistant handset and cord**
- **Standard IP 66 weatherproof rating**
- **Full rubber keypad with memory,0-9 buttons can be programmed as speed dial button.**
- **“LR” button for last number redial**
- **“R” for flash recall**
- **“M” for muting**
- **Phone line powered (Analogue)**
- **POE or DC12V powered (SIP )**
- **RJ45 port for SIP connection**
- **on wall mounting with mounting bar**
- **II 2G Ex e ib [ib] mb IIC T6 Gb**
- **III 2D Ex ib [ib] tb IIC T80 Db**
- **Zone 1& Zone 2**
- **ATEX,CE,FCC,Rosh 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.

## SIP-VoIP TECHNICAL SPECIFICATIONS

### Power:

12V DC or PoE: IEEE802.3af/at

### Port:

WAN: 10/100Base-T RJ-45 for LAN, Auto MDIX

LAN: 10/100Base-T RJ-45 for PC, Auto MDIX

### Power Consumption:

Idle:1.5W/ Active:1.8W

### Voice Features

- Support SIP 2.0 (RFC3261)
- Codec: G.711A/u, G.7231 high/low, G.729, G.722
- Echo cancellation: Support G.168 and hand-free can support 96ms
- Supports full duplex
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server
- DTMF: SIP info, DTMF Relay, RFC2833
- Call control feature: Flexible dial map, support hot-line

### Network Features

- WAN/LAN: support Bridge mode
- Support static IP address
- Support DHCP get IP on WAN port
- Support VLAN
- Support web config
- Data Protocols: IPv4, TCP, UDP, ICMP, ARP, DNS and DNS SRV for SIP Signaling

## Standard 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.

## ANALOGUE

**Dialing:** MF (tone)

**Power supply:** Drawn from telephone line

## Lightning / Transients

Protection to ITU-T k.21 enhanced levels

## Programming

Can be programmed remotely by DTMF tone or use keypad

## TECHNICAL SPECIFICATIONS

### Casing Material

Die cast aluminium, epoxy powder coated.

### Colors

Available in four colors:

Orange, Yellow, Red and Blue

### Handset Material

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

### Hook switch

Electronic / magnetic with no visible moving parts

### Keypad

Rubber Keypad

### Temperature

T4

### Weather Resistance

IP66(standard)~ IP67(highest rating)

### Ringtone

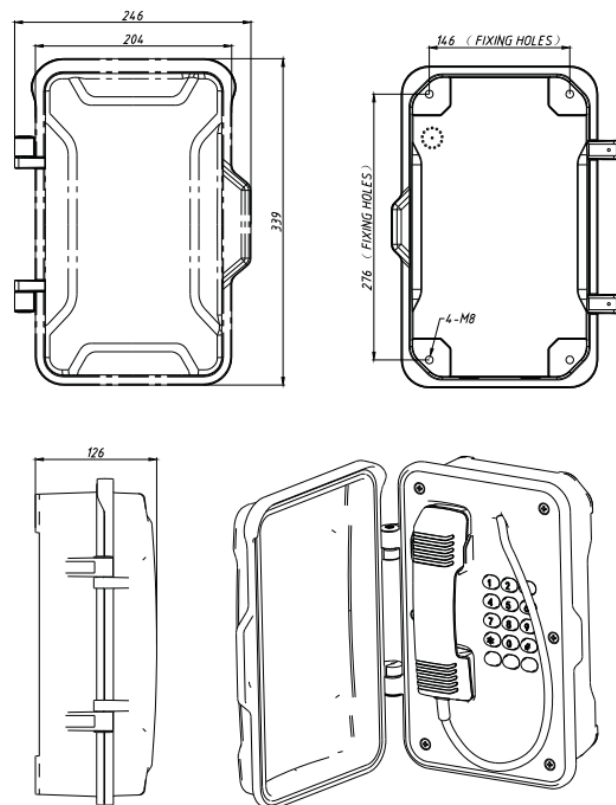
Shrill warble tone 80 dBA @ 1 metre typical (Analog)

Shrill warble tone 90 dBA @ 1 metre typical (SIP)

### M.T.B.F.

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

## DIMENSIONS:



(Measured in mm)

## 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  
II 2D Ex ib [ib] tb IIIC T135 °Db

## PACKAGE

unit size: 246 \*339 \*126 (mm)

Carton size: 200\*300\*440 (mm)

Packaging materials: pearl cotton, carton

Gross weight: 9KG

Net weight: 8KG