JREX106 –A01 LCD

Explosion-proof Telephone with door enclosure

The Explosion Proof Telephone is designed for voice communication in a 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, a 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 molded Bulk Molding Compound and designed specifically to withstand arduous use in all environments, armored cord to provide additional resistance to vandalism or heavy industrial use.

Features:

- Standard Analogue phone with door
- 42CM vandal resistant handset and cord
- Standard IP 66 weatherproof rating
- Full rubber keypad
- "LR" button for last number redial
- "R" for flash recall
- "M" for muting
- With LCD display
- Phone line powered (Analogue)
- RJ45 port for SIP connection
- on wall mounting with mounting bar
- II 2G Ex e ib mb IIC T6 Gb
- II 2D Ex ib [ib] tb IIIC T80 Db
- Zone 1& Zone 2
- ATEX,CE,FCC,Rosh compliant

SIP-VOIP 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 Signalling

ANALOGUE

- **Dialling**
  - 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
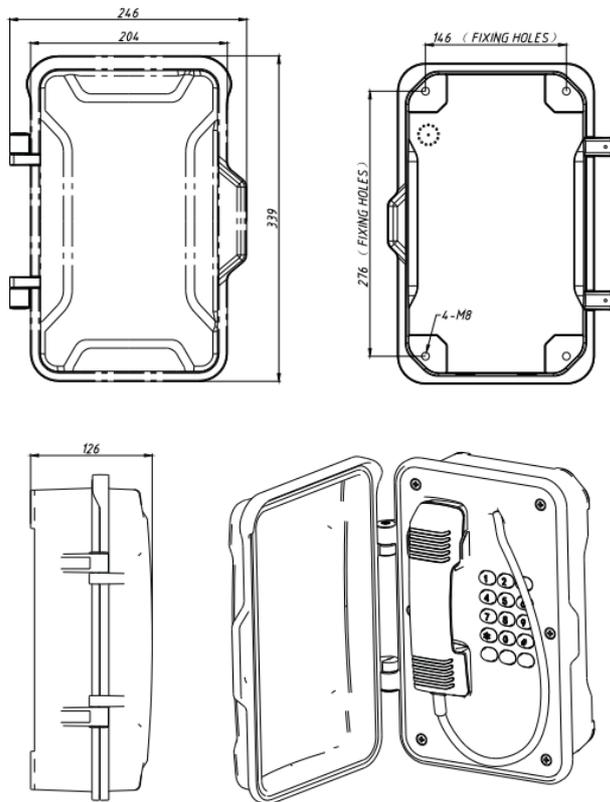- Lightning / Transients: Protection to ITU-T k .21 enhanced levels

TECHNICAL SPECIFICATIONS

- **Casing Material**
  - Die cast aluminium, epoxy powder coated.
  - Orange, Yellow, Red and Blue
- **Handset Material**
  - With Noise cancelling microphone, for effective communication from noisy areas(Armoured SS cord stands up to rough treatment, optional for black curly cord)
- **Hook switch**
  - Electronic / magnetic with no visible moving parts
- **Keypad**
  - Rubber Keypad

- **Weather Resistance**
  - IP66(standard)~ IP67(highest rating)
- **Ringing Tone**
  - Shrill warble tone 80 dBA @ 1 metre typical (Analog)
- **M.T.B.F.**
  - Calculated to have an M.T.B.F. in excess of 50,000 hours using

DIMENSIONS:

PACKAGE

- o unit size: 246 *339 *126 (mm)
- o Carton size:200*300*440 (mm)
- o Packaging materials: pearl cotton, carton
- o Gross weight: 9KG
- o Net weight: 8KG

TDM Middle East LLC
ADAFZ, Abu Dhabi, UAE

www.tdm-middle-east.com   info@tdm-middle-east.com