



- **Standard Analogue phone or SIP Phone**
- **Vandal resistant handset and armored cord**
- **Weather proof protection to IP67**
- **Three buttons can programmable for auto-dial**
- **Wall mounting, simple installation**
- **Inductive coupler fitted as standard for hard of hearing**
- **Phone line powered (Analogue)**
- **External power supply or PoE (SIP-VoIP)**
- **RJ45 Port for SIP connection**
- **CE, FCC, RoHS, ISO9001 compliant**

The JR100 series telephones are fully contained within a corrosion resistant cast aluminium weatherproof case with a door providing complete protection against dust and moisture ingress, resulting in a highly reliable product with a long MTBF.

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 JR100 series Weatherproof Telephones are designed for use by the railways, power stations, the armed services and heavy industry which require very reliable telephony under adverse conditions.

#### **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.

#### **SIP-VoIP TECHNICAL SPECIFICATIONS**

##### **Adapter Input:**

100-240VAC 50~60Hz Output:5V/1A

##### **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

##### **Main Chip:**

Broadcom

##### **Voice Features**

- Support 2 lines SIP, SIP 2.0 (RFC3261)
- Codec: G.711A/u, G.7231 high/low, G.729, G.722,G.726
- 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, peer to peer
- SIP support 2 servers, user can through each server to calling in and out

##### **Network Features**

- WAN/LAN: support Bridge mode
- Support PPPoE for xDSL
- support VLAN
- Support Stun penetration
- Support DHCP get IP on WAN port

**TECHNICAL SPECIFICATIONS**
**Casing Material**

Die cast aluminium, epoxy powder coated.

**Colors**

Yellow, other colors to special order

**Handset Material**

Cycloy with stainless steel spiral cord

**Keypad**

No Keypad

**Temperature**

Operating: -40°C to +70°C

Storing: -45°C to +80°C

**Weather Resistance**

IP67

**Ringtone**

Shrill warble tone 80 dBA @ 1 metre typical

**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 5 kg depending on option

**ANALOGUE**
**Dialing**

MF (tone)

**Power supply**

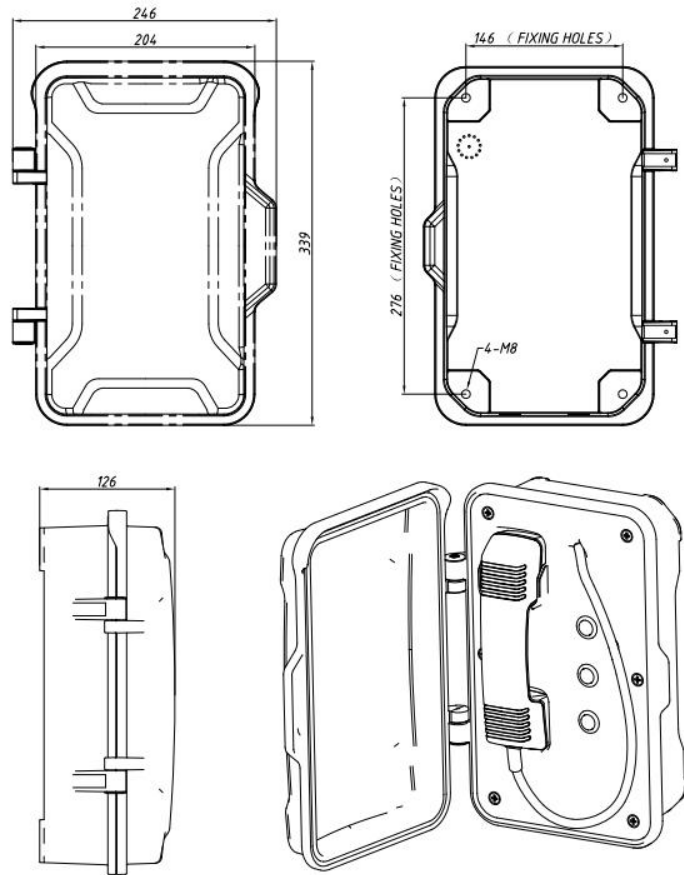
Drawn from telephone line

**Lightning / Transients**

Protection to ITU-T k.21 enhanced levels

**Programming**

Can be programmed as an auto-dial phone remotely or by build-in keypad

**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

**PACKAGE**

Unit size: 204 \*334 \*109 (mm)

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

Packaging materials: pearl cotton, carton

Gross weight: 6KG

Net weight: 5KG