



- **Standard Analogue phone/SIP phone**
- **Vandal resistant handset and cord**
- **Weather proof protection to IP67**
- **Full 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**
- **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 phone**
- **CE,FCC,ROSH 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**

##### **Power Input:**

12-24V DC

##### **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 features: 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

## TECHNICAL SPECIFICATIONS

### Casing Material

Die cast aluminium, epoxy powder coated.

### Colors

Yellow, Orange, other colors to special order

### Handset Material

Cycloy with stainless steel spiral cord

### Keypad

Rubber Keypad

### Temperature

Operating: -40°C to +70°C

Storing: -45°C to +75°C

### Weather Resistance

IP67

### Ringling Tone

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

Relative humidity: Up to 95% (non-condensing)

### Weight

Up to 6 kg depending on option

## ANALOGUE

### Dialing

MF (tone)

### Power supply

Drawn from telephone line

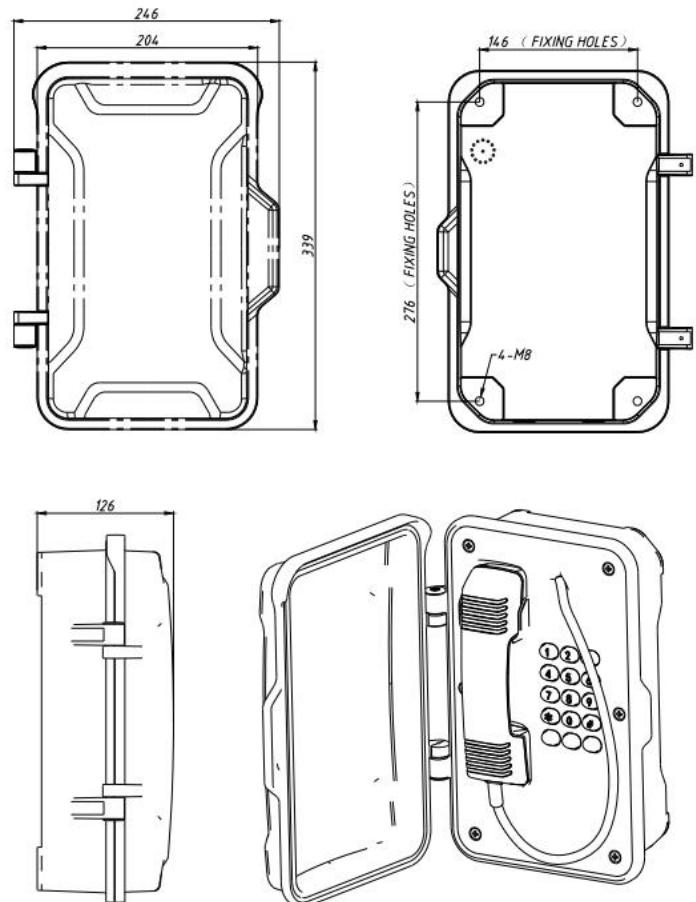
### Lightning / Transients

Protection to ITU-T k.21 enhanced levels

### Programming

Can be programmed remotely by DTMF tone or use 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 \* 126(mm)

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

Packaging materials: pearl cotton, carton

Gross weight: 7KG Net weight: 6KG