



- Standard Analogue phone or SIP phone
- Aluminum alloy die-casting body
- Vandal resistant metal button
- Handsfree
- Two buttons for emergency call
- Weather proof protection to IP67
- Wall mounting, simple installation
- Phone line powered (Analogue)
- External power supply or PoE (SIP-VoIP)
- RJ45 port for SIP phone
- CE, FCC, RoHS, ISO9001 compliant

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

Extremely easy to install. The cable entrance is on the back of the phone to prevent from artificial damage, while the keypad is weather and vandal resistant.

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 body, cold rolled steel  
paceplate epoxy powder coated.

### Colors

Yellow, other colors to special order

### Handset Material

No handset

### Keypad

No Keypad

### Temperature

Operating: -40°C to +70°C

Storing: -45°C to +80°C

### Weather Resistance

IP67

### Ringtone

Shrill warble tone 90 dBA @ 1 metre  
typical

### Hook switch

No hook switch

### Push button

Vandal resistant stainless steel button

### M.T.B.F.

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

### Weight

Up to 6 kg depending on option

## ANALOGUE

### Dialing

MF (tone)

### Power supply

Drawn from telephone line

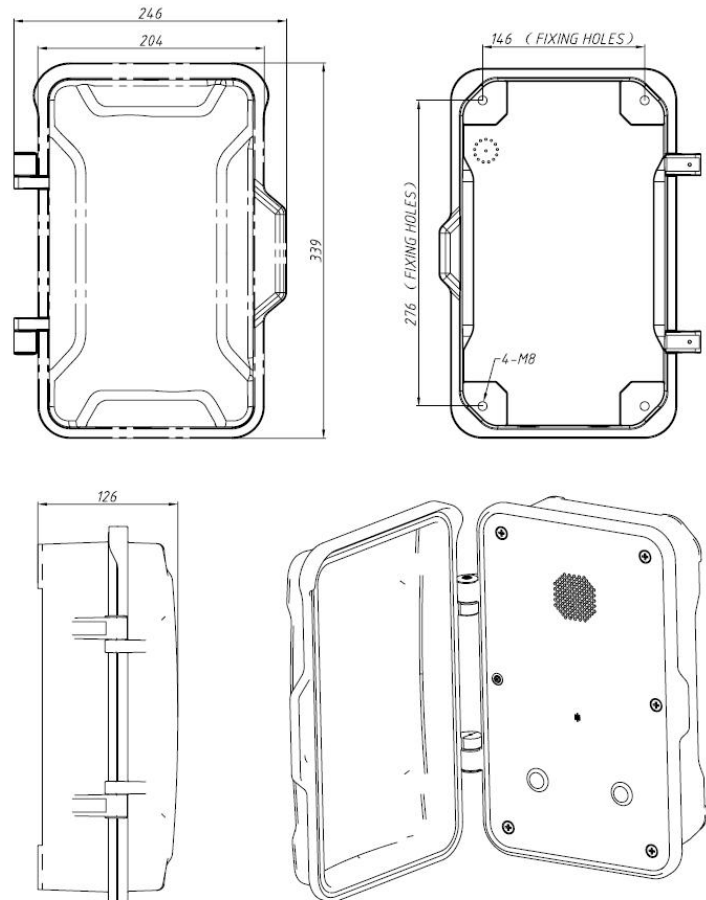
### Lightning / Transients

Protection to ITU-T k.21 enhanced levels

### Programming

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

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

Packaging materials: pearl cotton, carton

Gross weight: 7KG

Net weight: 6KG