

# JR104-SC

## Weatherproof Telephone



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, including an armoured cord to provide additional resistance to vandalism or heavy industrial use.

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



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## Features:

- Standard VoIP-SIP phone
- Aluminium alloy die - casting body
- Vandal-resistant metal button
- Hands-free operation
- One button for emergency call
- Led indicator showing the communication status
- Weatherproof protection:IP66-IP67
- Wall mounting or pole mounting, simple installation
- PoE(Power over Ethernet) or External power supply
- RJ45 port for SIP phone
- CE,FCC,RoHS, IK10,IP67,ISO9001 compliant

## SIP Protocol

- 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



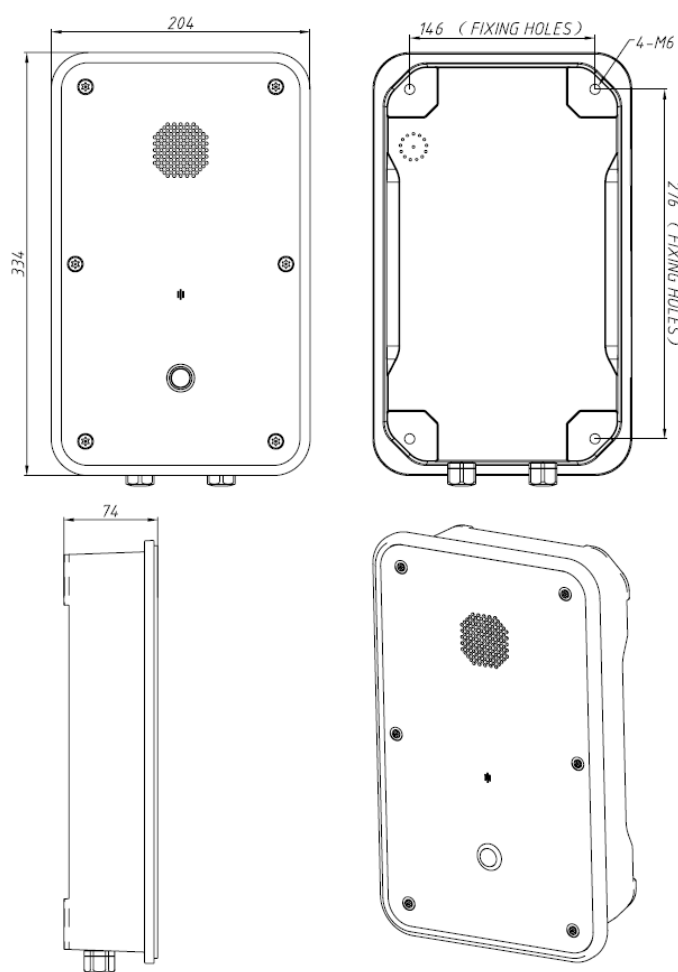
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## Technical Specifications

- Casing Material
  - Die-cast aluminium body, cold rolled steel face plate epoxy powder coated.
- Colours
  - Orange, Yellow, other colours as demand
- Push button
  - Vandal-resistant stainless steel button
- Speaker
  - Built-in waterproof speaker
- Microphone
  - Noise-cancelling microphone
- Temperature
  - Operating: -40°C to +70°C
  - Storing: -40°C to +75°C
- Weather Resistance
  - IP66-IP67
- Ringing Tone
  - Shrill warble tone 90dBA @1 metre typical
- 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 the option



## Package

- Unit size: 204 \*334 \*74(mm)
- Carton size:200\*300\*440( mm )
- Packaging materials: pearl cotton, carton
- Gross weight: 6KG Net weight: 5KG



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



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