



## Waterproof Telephone

- Aluminum alloy die-casting body
- Protection level IP66/IP67
- Advanced noise reduction technology for HD calls
- Corrosion-resistant hardware
- CE, FCC, RoHS, IK10, IP67, ISO9001 standards

IP67



IK10

HD

## MAIN FEATURES

It was designed for public and industrial areas requiring a virtually indestructible telephone. The housing is made of die-cast aluminum alloy, with a weatherproof enclosure and an exterior polyurethane finish. It is designed to withstand high levels of humidity, dust, vibration, shock, extreme temperatures, (salt)water, abuse or attempted vandalism.

Typical applications include Outdoor Environments, Public Highways, Underground Tunnels / Mining, Offshore Wind Farms, Production Floors, Chemical Processing Sites, Power Stations or inside large Lifting Machinery such as Quayside Container Cranes, Rubber-Tyred Gantry Cranes (RTGs) and bulk-material Ship Loaders.

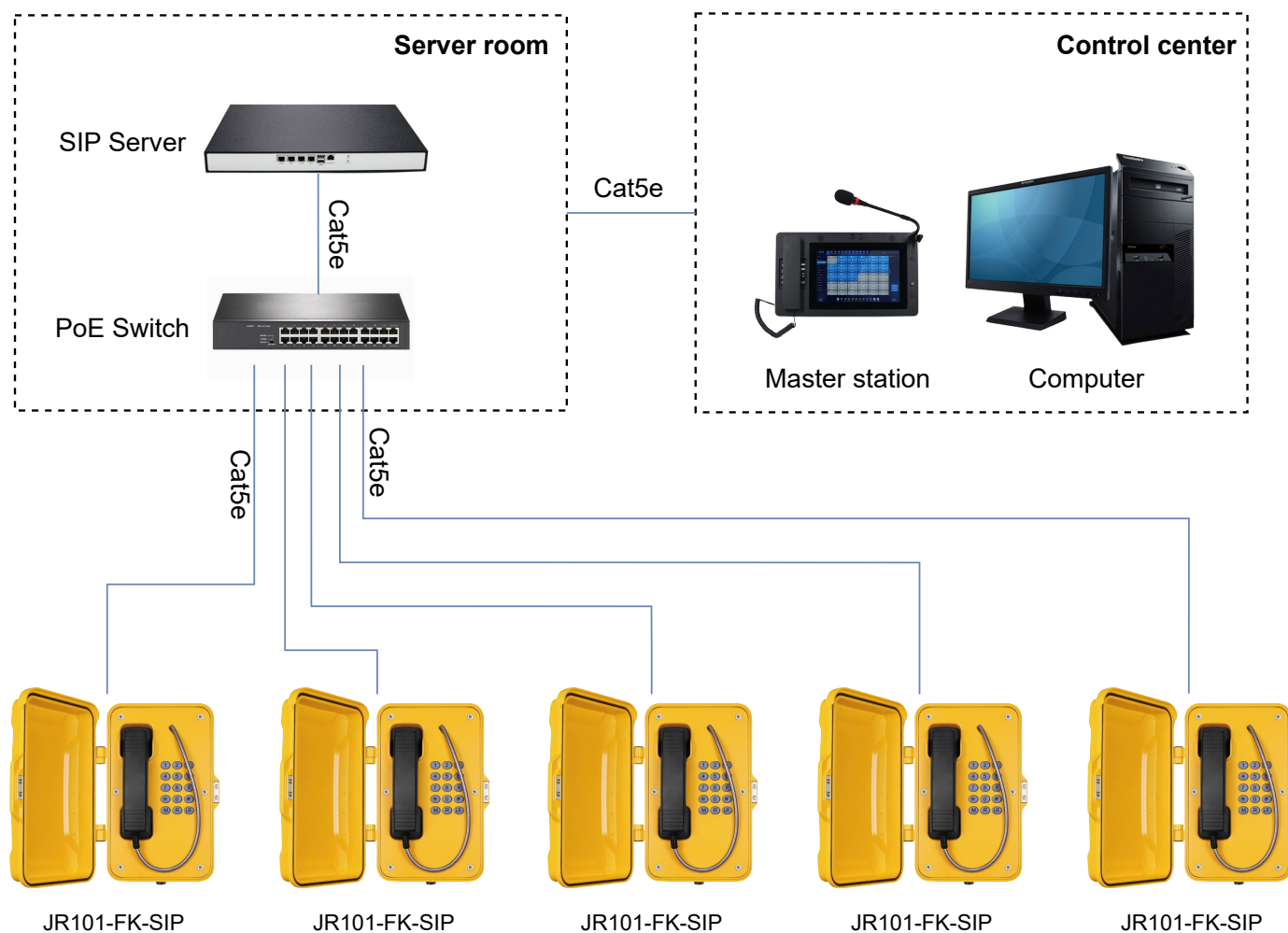
- Full rubber keypad
- "M" for muting
- "R" for flash recall
- "LR" button for last number redial
- Handset with noise-cancelling microphone and 42cm armored cord (optional heavy duty curly cord)
- The handset supports hearing aid compatibility (HAC)
- Magnetic reed hook switch to reduce wear-prone parts
- With door cover, supports wall mounting with mounting bar
- Wiring access, 3xM20 cable gland entry points

## TECHNICAL SPECIFICATIONS

| SIP Specifications                                                                                                                                                                                            |                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Power supply                                                                                                                                                                                                  | PoE powered or 12V DC powered                                                                     |
| Power adapter                                                                                                                                                                                                 | 100~240VAC 50~60Hz / 12V DC                                                                       |
| Power consumption                                                                                                                                                                                             | Idle 1.8W / Working 2.4W                                                                          |
| SIP protocol                                                                                                                                                                                                  | SIP 2.0 (RFC3261)                                                                                 |
| Network port parameters                                                                                                                                                                                       | WAN Port: 10/100Base- T RJ-45 for LAN, Auto MDIX, LAN Port: 10/100Base- T RJ-45 for PC, Auto MDIX |
| Voice coders                                                                                                                                                                                                  | G.711 A/U, G.722 8000/16000, G.723, G.729                                                         |
| Communication mode                                                                                                                                                                                            | Full duplex                                                                                       |
| Ringing volume                                                                                                                                                                                                | 90~95 dB (A) @ 1 meter                                                                            |
| Technical Specifications                                                                                                                                                                                      |                                                                                                   |
| Compatible with most SIP-based IP-PBX servers that comply with SIP RFC 3261                                                                                                                                   |                                                                                                   |
| PoE 802.3af enabled (Power-over-Ethernet) or alternate power source                                                                                                                                           |                                                                                                   |
| PoE power supply, supports connecting the external loudspeakers (No external power supply needed)                                                                                                             |                                                                                                   |
| Supports automatic dialing with delay after picking up the phone, and 4 groups of sequential calling                                                                                                          |                                                                                                   |
| Supports automatic switching between primary and backup servers                                                                                                                                               |                                                                                                   |
| Supports remote Telnet debugging                                                                                                                                                                              |                                                                                                   |
| Supports MIC mute function                                                                                                                                                                                    |                                                                                                   |
| Supports call transfer                                                                                                                                                                                        |                                                                                                   |
| Supports two relays to remotely control external devices                                                                                                                                                      |                                                                                                   |
| Operating temperature -40°C to 65°C / Storage temperature -40°C to 75°C                                                                                                                                       |                                                                                                   |
| M.T.B.F. exceeds 50,000 hours under normal operating conditions                                                                                                                                               |                                                                                                   |
| Network Web Management                                                                                                                                                                                        |                                                                                                   |
| Fully configurable through any internet browser                                                                                                                                                               |                                                                                                   |
| Static IP address provisioning or DHCP support                                                                                                                                                                |                                                                                                   |
| Product self-diagnostic testing available through the web interface                                                                                                                                           |                                                                                                   |
| Network-adjustable earpiece volume and microphone sensitivity                                                                                                                                                 |                                                                                                   |
| Firmware upload via web interface                                                                                                                                                                             |                                                                                                   |
| Echo cancellation: Supports G.168, and hands-free can support 96ms                                                                                                                                            |                                                                                                   |
| Supports SIP domain, SIP authentication (none, basic, MD5), and DNS name of server                                                                                                                            |                                                                                                   |
| DTMF: SIPINFO, INBAND, RFC2833                                                                                                                                                                                |                                                                                                   |
| Dials Plan: Flexible dial-up configuration, support hotline                                                                                                                                                   |                                                                                                   |
| Network Features                                                                                                                                                                                              |                                                                                                   |
| WAN/LAN: Supports Bridge mode                                                                                                                                                                                 |                                                                                                   |
| Supports static IP address                                                                                                                                                                                    |                                                                                                   |
| Supports DHCP to obtain an IP adress on WAN port                                                                                                                                                              |                                                                                                   |
| Supports VLAN                                                                                                                                                                                                 |                                                                                                   |
| Supports web config                                                                                                                                                                                           |                                                                                                   |
| Data Protocols: IPv4, TCP, UDP, ICMP, ARP, RTP, SRTP, ONVIF, SNMPv1, RTCP-XR, 802.1x, Static IP/DHCP IP Assignment, IEEE 802.1p/Q, QoS/ToS, HTTP/HTTPS/DHCP, NTP, FTP/TFTP, CDP/LLDP VLAN Configuration, LDAP |                                                                                                   |

## APPLICATION

IP telephony system is an efficient and convenient communication solution that uses Internet connection to implement voice calls and other communication services. Compared with traditional telephone systems, IP telephone system has higher efficiency and convenience.



## OPTIONAL ACCESSORIES



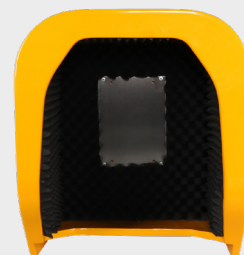
JR-LP-01  
LED Light



JR-LP-02  
LED Beacon Light

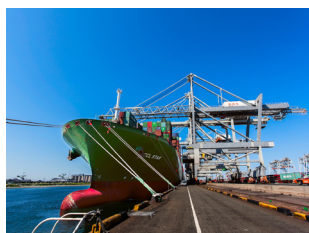


JR-HSA-10/20/25/30/35  
Broadcast Horn



JR-TH-01  
Acoustic Hood

## APPLICATION SCENARIOS



Port



Ship



Highway / Tunnel



Railway



Generating station



Mining industry

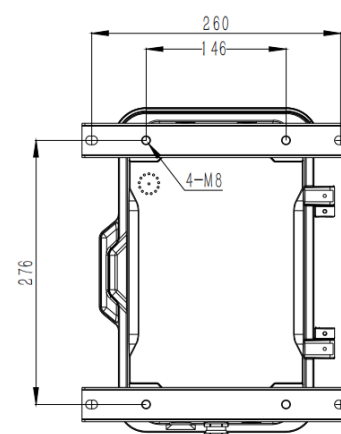
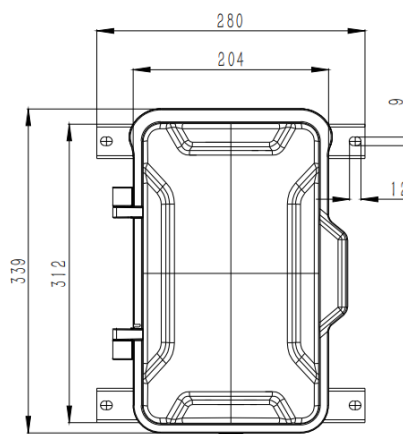
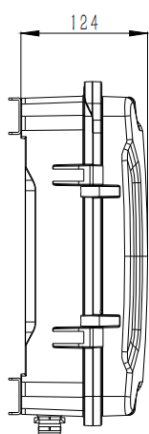
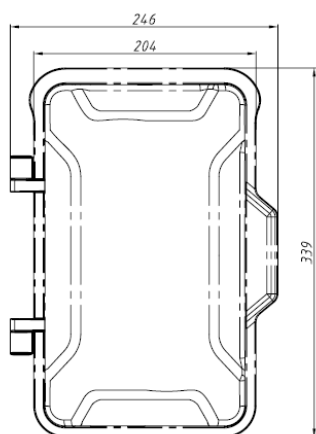


Industrial park



Heavy industry

## DIMENSIONS



| Package             |                                       |
|---------------------|---------------------------------------|
| Unit size           | 246*339*124 (mm)                      |
| Shipping dimensions | 300*440*200 (mm)                      |
| Packaging materials | Foam padding, carton                  |
| Weight              | Gross weight: 7 kg / Net weight: 6 kg |

