J&R TECHNOLOGY

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.
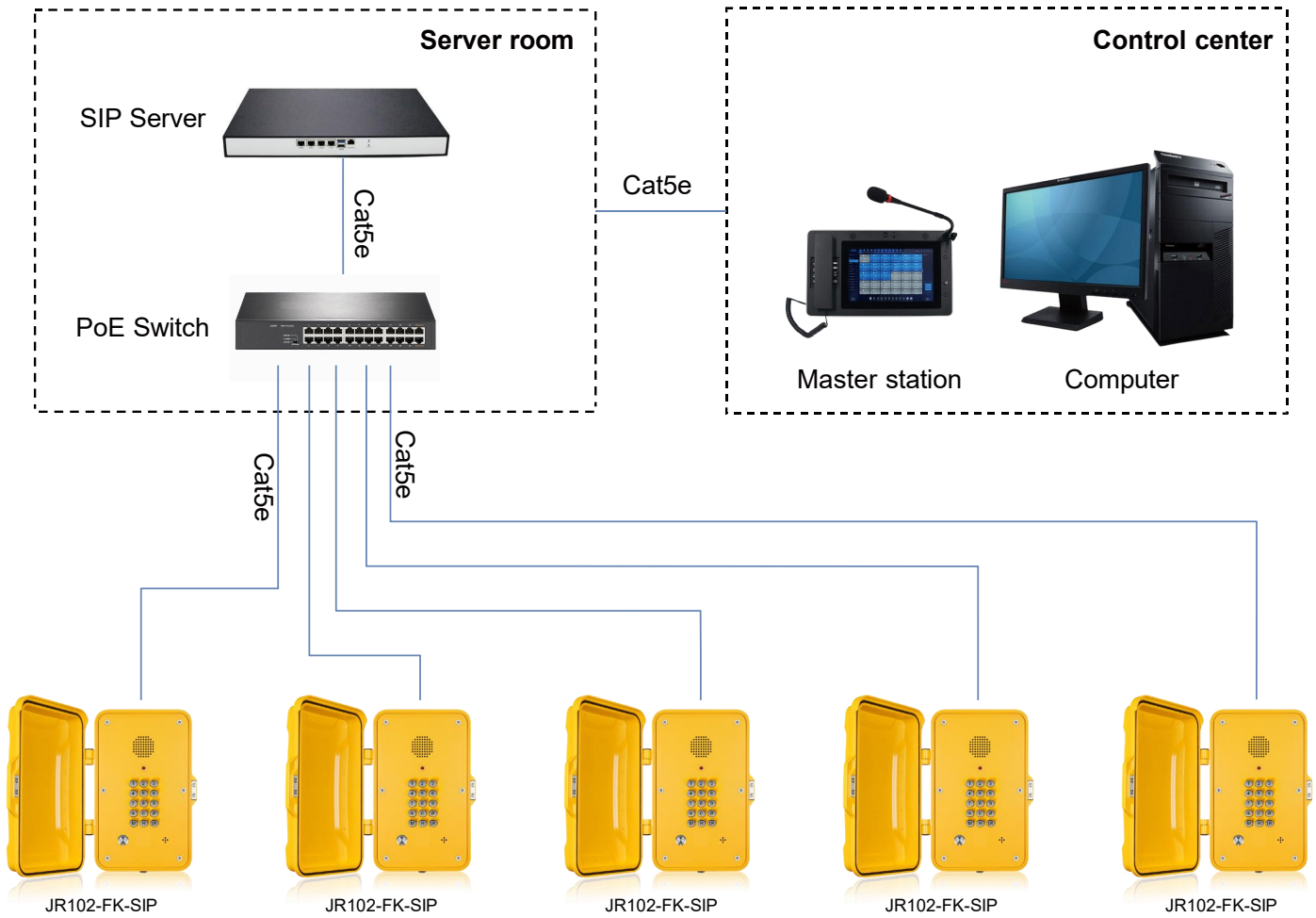
- Hands-free telephone, one vandal resistant metal button for emergency call
- Full rubber keypad
- "M" for muting
- "R" for flash recall
- "LR" button for last number redial
- With LED light, blinking when incoming call
- Noise-cancelling microphone
- Built-in 2W speaker
- Magnetic reed hook switch 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 1W / 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.
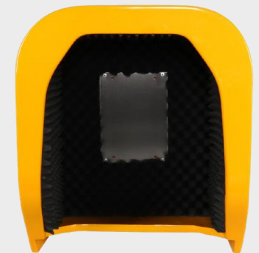

OPTIONAL ACCESSORIES

JR-LP-01	JR-LP-02	JR-HSA-10/20/25/30/35	JR-TH-01
LED Light	LED Beacon Light	Broadcast Horn	Acoustic Hood

APPLICATION SCENARIOS

Port

Ship

Highway / Tunnel

Railway

Generating station

Mining industry
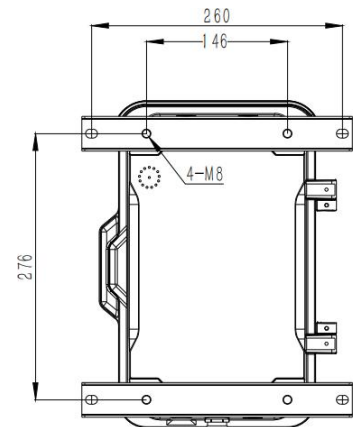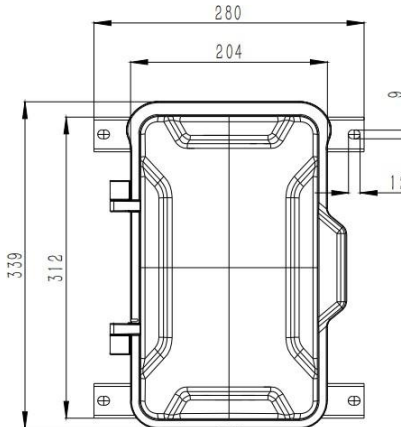
Industrial park
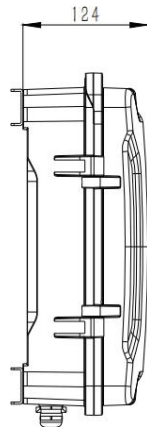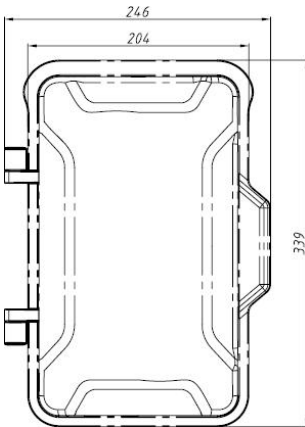
Heavy industry

DIMENSIONS

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

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