J&R TECHNOLOGY

Clean Room Phone

- **304 Stainless Steel body (SS316 available upon request)**
- **IP55-IP65 Waterproof rating**
- **Advanced noise reduction technology for HD calls**
- **Corrosion-resistant hardware**
- **CE, FCC, RoHS, IK10, IP65, ISO9001 standards**

IP65 | IK10 | HD

MAIN FEATURES

Housed in stainless steel with a wire-drawing finish and manufactured to high standards, these telephones offer enhanced resistance to vandalism and ensure reliable communication at all times.

Additionally, this series of phones has been tested in salt spray and is highly durable in humid and corrosive environments. Extremely easy to install, the cable entrance is located at the back of the phone to prevent artificial damage.

Ideal for parking lots, lifts/elevators, hotels, doorways, railway/metro platforms, hospitals, police stations, ATMs, stadiums, and outdoor building etc.
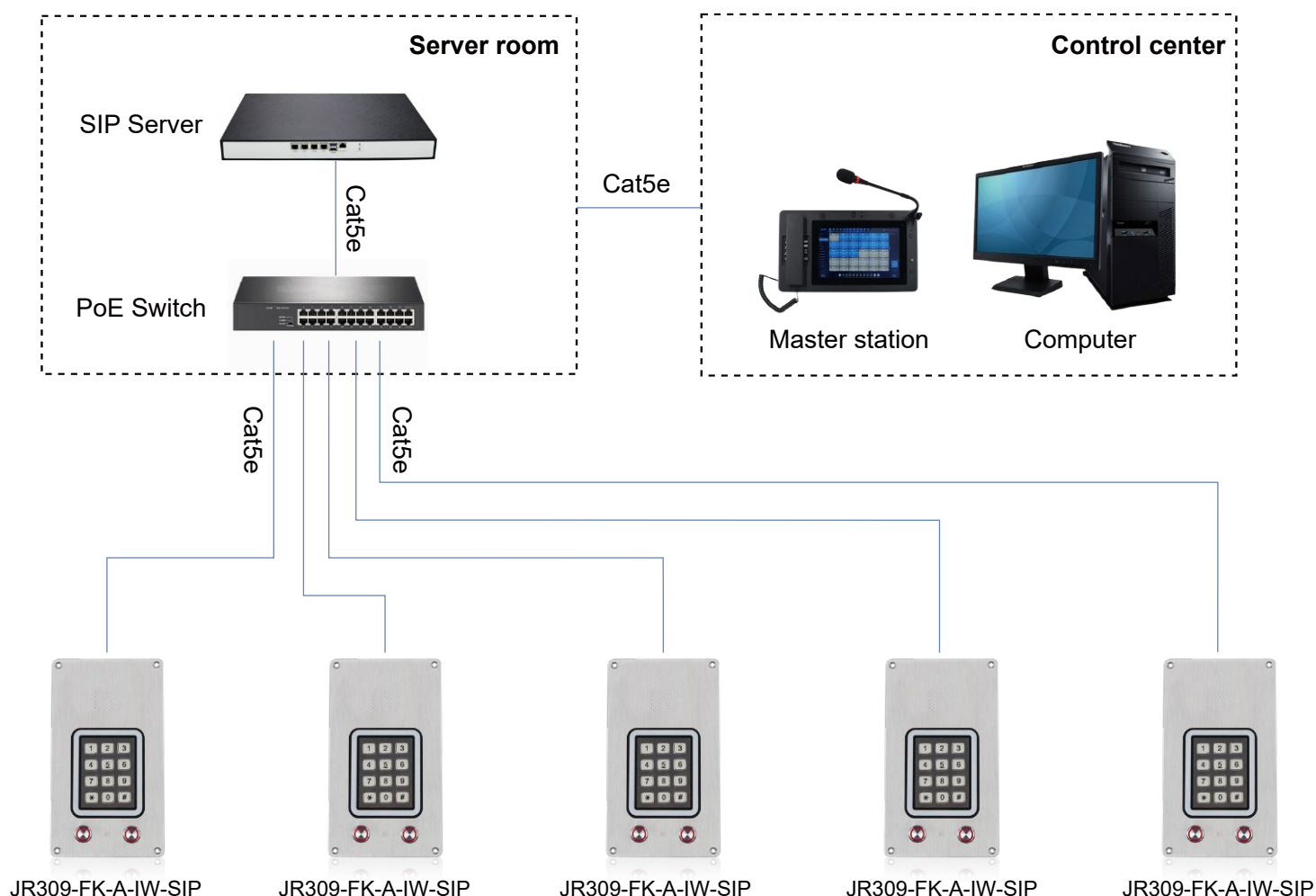
- Hands-free operation with two vandal resistant Red backlit metal buttons for emergency calls
- The panel gap is controlled within 0.2mm
- Full metal keypad (12keys)
- Noise-cancelling microphone
- Built-in 2W speaker
- Flush mounted design with tamper-proof screws

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 switching between primary and backup servers
Supports remote Telnet debugging
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.

Server room

SIP Server

Cat5e

PoE Switch

Cat5e

Control center

Master station Computer

Cat5e Cat5e

JR309-FK-A-IW-SIP JR309-FK-A-IW-SIP JR309-FK-A-IW-SIP JR309-FK-A-IW-SIP JR309-FK-A-IW-SIP

OPTIONAL ACCESSORIES

Button
Multiple Options Available

JR-LP-02
LED Beacon Light

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

JR321-SC
Telephone Pillar

APPLICATION SCENARIOS

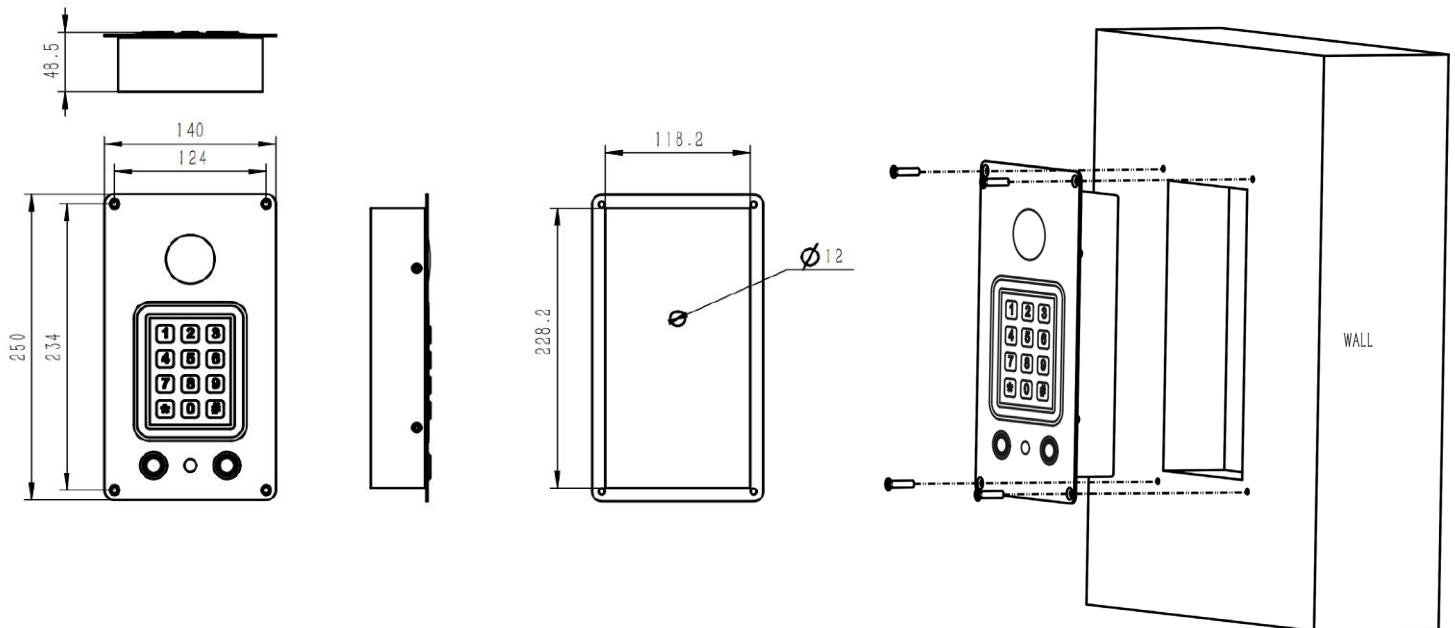Metro

Airport

Platform

Elevator

Clean room

Hospital

Bank

School

DIMENSIONS

Package	
Unit size	250*140*48.5 (mm)
Shipping dimensions	320*210*160 (mm)
Packaging materials	Foam padding, carton
Weight	Gross weight: 2 kg / Net weight: 1.5 kg