



### Explosion proof Telephone

- SMC glass fiber reinforced plastic forged enclosure
- Protection level IP66 according to IEC60529
- Corrosion-resistant hardware
- Advanced noise reduction technology for HD calls
- It is ATEX, IECEx, EAC and INMETRO standards



## MAIN FEATURES

The explosion proof telephone are designed to provide safe, reliable communication in hazardous areas. The telephones sets were developed for operation in the petrochemical industrial, usually used in production, transportation and refining of oil, natural gas, mining and etc. The housing is made of impact and shock-resistant GRP and even resistant to acids, alkali and lubricants. Its robust design represents a perfect “packaging” for the latest requirements for VoIP telephones combined with proven reliability for critical mission communications and high safety applications.

It is designed to provide ultimate user comfort on the basis of industrial standards and decades of market leading expertise and know-how. The telephone device features a display with integrated heating for ultra low temperature environments.

### This mark indicates compliance with the

**Ex eb ib [ib Gb] mb IIC T6/T5 Gb**

**Ex ib [ib Db] tb IIIC T80°C/T95°C Db**

**T6/T80°C: -40°C to +40°C**

**T5/T95°C: -40°C to +55°C**

**Zone 1,2, 22**

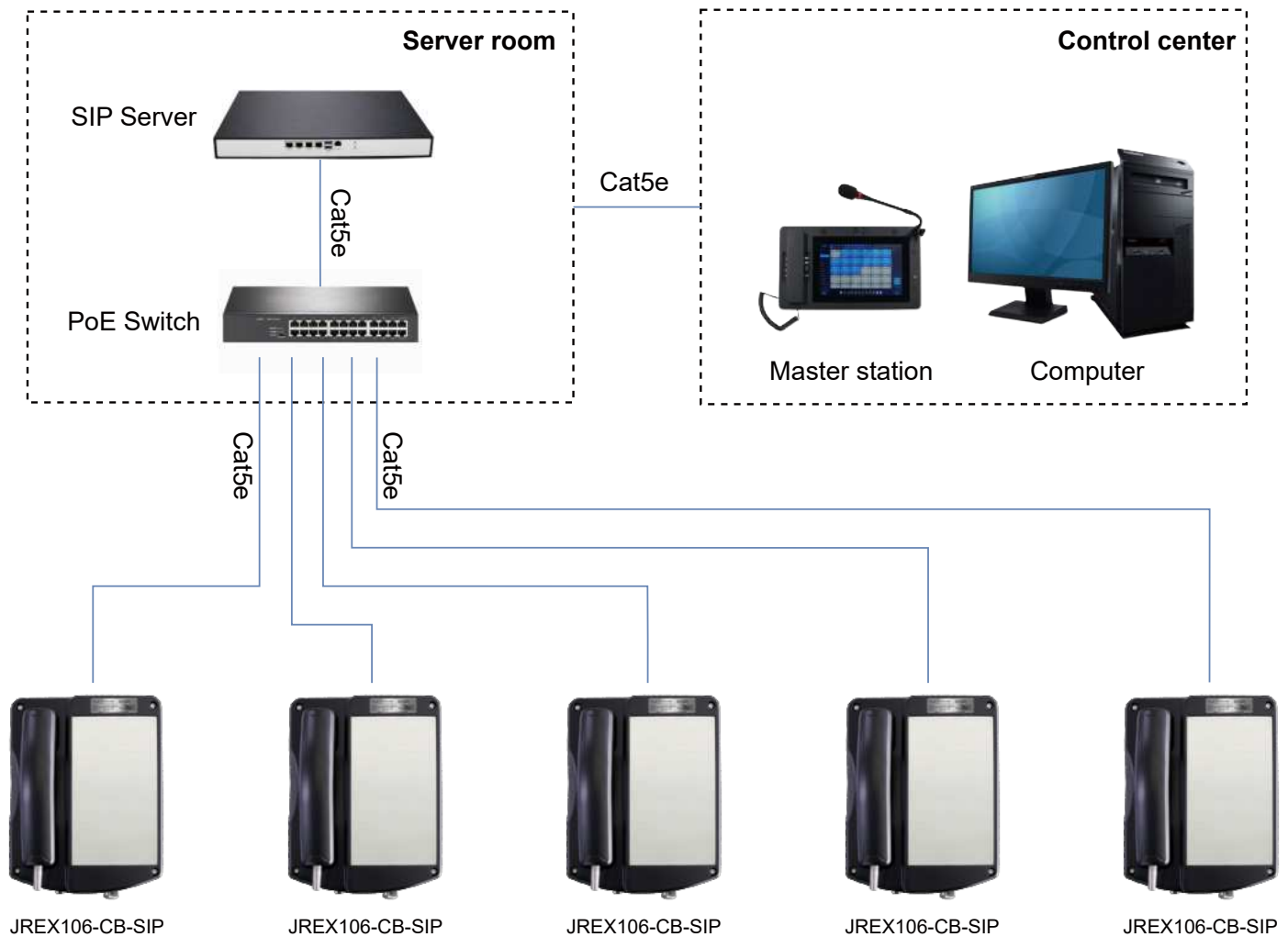
- Audio modes—handset and hands-free speaker phone
- Hotline, stainless steel panel without keypad, programmable for auto-dial
- Handset with noise-cancelling microphone and 80 cm armored cord
- The handset supports hearing aid compatibility (HAC)
- Removable handset retainer latches on cradle
- Cradle Switch Life, >1 000 000 times
- Colour optional black, orange, yellow
- Supports wall mounting with mounting bar

## TECHNICAL SPECIFICATIONS

SIP Specifications	
Power supply	PoE powered or 12V DC powered
Power adapter	100~240VAC 50~60Hz / 12V DC
Power consumption	Idle 1.5W / Working 1.8W
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	
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	
PoE 802.3af enabled (Power-over-Ethernet) or alternate power source	
PoE power supply, supports connecting the external loudspeakers (No external power supply needed)	
Wiring access, 2xM20 cable gland entry points	
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	
Supports static IP address	
Supports DHCP to obtain an IP address on WAN port	
Supports VLAN	
Supports web config	
Data Protocols: IPv4, TCP, UDP, ICMP, ARP, DNS and DNS SRV for SIP Signaling	

## 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 system, IP telephone system has higher efficiency and convenience.



## OPTIONAL ACCESSORIES



JR-EB-01

Explosion Proof Beacon



JREX-HSA-A

Explosion Proof Horn



JR-EJB-01

Explosion Proof Junction Box



JR-TH-01

Acoustic hood

## APPLICATION SCENARIOS



Chemical industry



Offshore drilling platform



Oil field



Nuclear power plant



Oil refinery



Mining industry

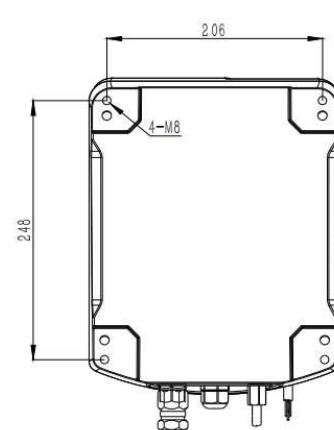
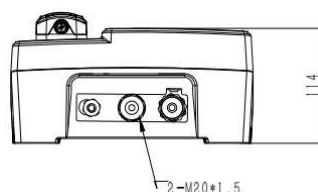
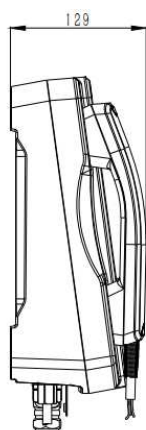
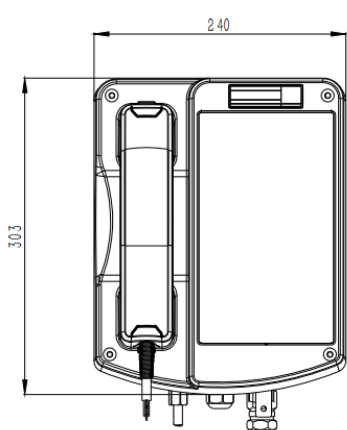


Heavy industry



Metallurgy

## DIMENSIONS



Package	
Unit size	303*240*129 (mm)
Shipping dimensions	405*280*170 (mm)
Packaging materials	Foam padding, carton
Weight	Gross weight: 9 kg / Net weight: 8 kg

