


JREX106-SIP

- Noise canceling microphone
- Waterproof rating is IP66
- Corrosion resistant hardware
- SMC glass fiber reinforced plastic forged enclosure
- It is ATEX, IECEx, EAC and INMETRO certified



MAIN FEATURES

Durable and Cutting-Edge Outdoor Communication System

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, coal 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

- Autodial, memory, mute and menu configuration keys
- Programmable with alphanumeric display and a 20-piece stainless steel keypad
- Back-lit LCD display—2 line x15 character
- Hearing-aid compatible (HAC) receiver
- Magnetic reed hook switch to reduce parts subject to wear

TECHNICAL SPECIFICATIONS

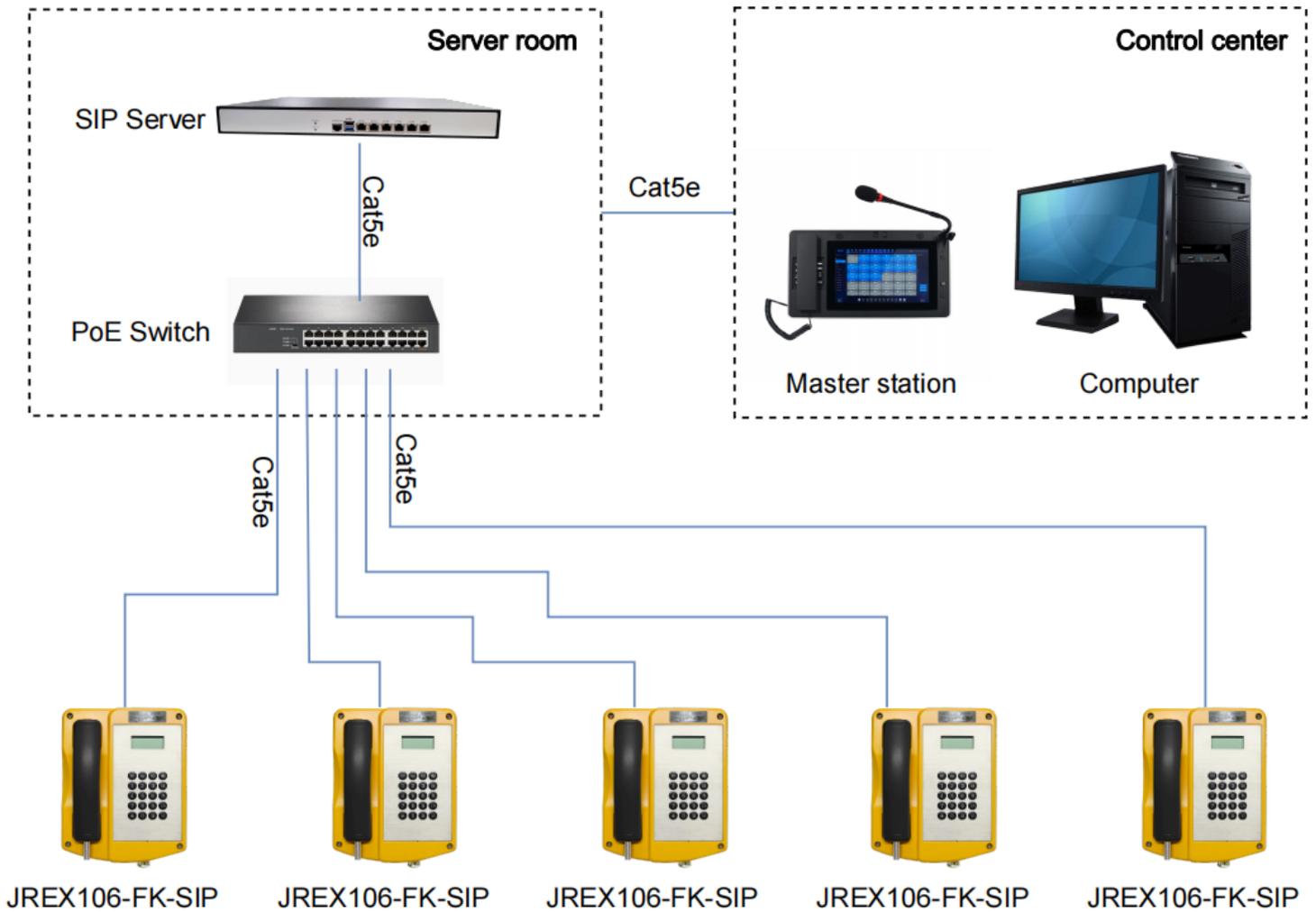
| Specification |
|--|
| Optional black, orange, yellow |
| PoE 802.3af enabled (Power-over-Ethernet) or alternate power source |
| Compatible with most SIP-based IP-PBX servers that comply with SIP RFC 3261 |
| Network web management |
| Fully configurable through any internet browser or the on-board display |
| Static IP address provisioning or DHCP |
| Product self diagnostic testing available through web interface |
| Network adjustable earpiece volume and microphone sensitivity |
| Network downloadable firmware |
| Remote programming-allows you to manage your network from a central location |
| Audio modes—handset and hands-free speaker phone. |
| Removable handset retainer latches on cradle |
| Programmable auto hang-up timer |
| Heavy duty curly handset cord or vandal resistant armored handset cord |
| Two M20 gland entries |
| Field repairable by authorized personnel |

| Electrical Performance | |
|--------------------------------|--|
| Network Rate | 10/100 Mbps |
| Protocol | Standard SIP 2.0 (RFC 3261 Compliant) |
| Power Requirement | Power over Ethernet according to IEEE 802.3af over spare cable pair or external supply, 12V DC |
| Power consumption PoE (class0) | 2.5 W |
| Connection | Direct connection to LAN or WAN via RJ45 connector |
| M.T.B.F. | In excess of 50,000 hours using |
| Lightning / Transients | Protection to ITU-T k. 21 enhanced levels |

| Mechanical Specifications | |
|------------------------------------|--|
| Hook Switch (Cradle Switch) Life | >1 000 000 Operations |
| Housing Material | High Impact Glass fibre-reinforced polyester |
| Handset Material | High Impact Thermoset Resin Compound |
| Mounting | Desk or Wall |
| Ringing volume: | 95dB(A)in 1m distance |
| Microphone | Noise Canceling Electret microphone |
| Receiverls | Hearing Aid Compatible (HAC) |
| Display | 128 x 64 pixels |
| Hardware Material | Stainless steel |
| Wiring Access: | 2xM20 Cable Gland Entry Points |

APPLICATION

Multi-scheme cluster coverage: IP co-channel simulcast cluster, digital DMR/PDT small cluster, digital DMR/PDT large cluster and other cluster solutions can be used according to user needs to ensure basic voice data management, and specially set up emergency communications System, dedicated to private network;



OPTIONAL ACCESSORIES



JR-EB-01

Explosion Proof Beacon



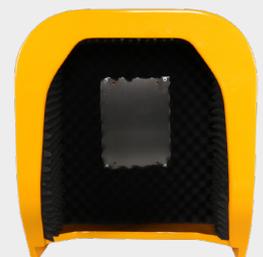
JREX-HSA-A

Explosion Proof Horn



JR-EJB-01

Explosion Proof Junction Box



JR-TH-01

Acoustic hood

APPLICATION SCENARIO



Chemical industry



Offshore drilling platform



Oil field



Nuclear power plant



Oil refinery



Mining industry

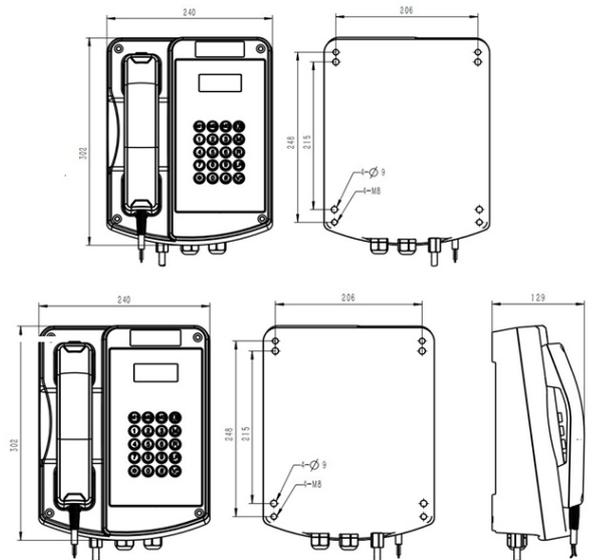
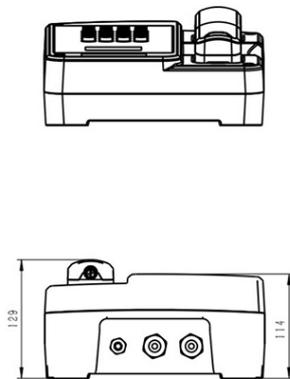
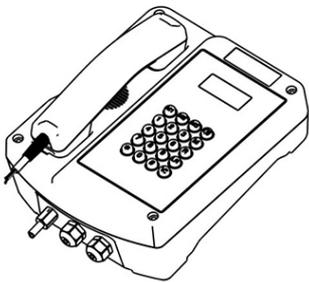


Heavy industry



Metallurgy

DIMENSIONS



| Package | |
|---------------------|---|
| Unit size | 302*240*129 (mm) |
| Shipping Dimensions | 405*280*170 (mm) |
| Packaging materials | Pearl cotton, carton |
| weight | Gross weight: 7.5 KG / Net weight: 6.5 KG |

