**J&R TECHNOLOGY**

**JR213-FK Video Telephone**

- Robust housing, constructed of brushed stainless steel
- Protection level IP54
- Unique noise reduction technology for HD calls
- Corrosion resistant hardware
- CE, FCC, RoHS, IK10, ISO9001 compliant

# MAIN FEATURES

Housed in Stainless steel wire-drawing technology and manufactured to a high standard, standard on wall mounting and easy installation, we will also provide the related installation tool and security screws. There is a humanized design of the cable entry holes behind the phone, the RJ45 cable and power line can be hidden in the back shell. These SIP Video Telephone offer increased resistance to vandalism, and ensure that the primary function of communications is maintained at all times.

The telephones are designed to meet the needs of client who experience loss through vandalism. Ideal for parking lots, prisons, airports, railway, metro, ATM machines, platforms, hospitals, police stations, shopping mall, stadiums, etc.

## Durability and Flexible Deployment

**Flexible Power Options:** Compatible with both POE and POE+ for diverse installation and deployment scenarios.

**Remote Management:** Enables remote management and supports online upgrades for ongoing system enhancement.

- Built-in HD infrared camera
- Large size HD LCD display
- Zinc alloy 16-digit keypad, editable speed dial numbersl
- ABS material handset with noise-cancelling microphone and 83CM armored cord
- The handset supports hearing aid function (compatible HAC receiver)
- Hook switch, Electronic / magnetic with no visible
- With DTMF detection, generation, transmission and recovery functions
- Grey, other colors to special order
- Wall mounting, simple installation

# TECHNICAL SPECIFICATIONS

| SIP Protocol | |
|---|---|
| GSM/PCMU/PCMA/OPUS | G.7211-16000/G.7211-32000/G.729/G.723 |
| Speex-16000/8000/32000 | ISAC-16000/32000 |
| AMR/ILBC | SILK-8000/12000/16000/24000 |
| CODEC2 | H.263-1998/VP8/H.264 |

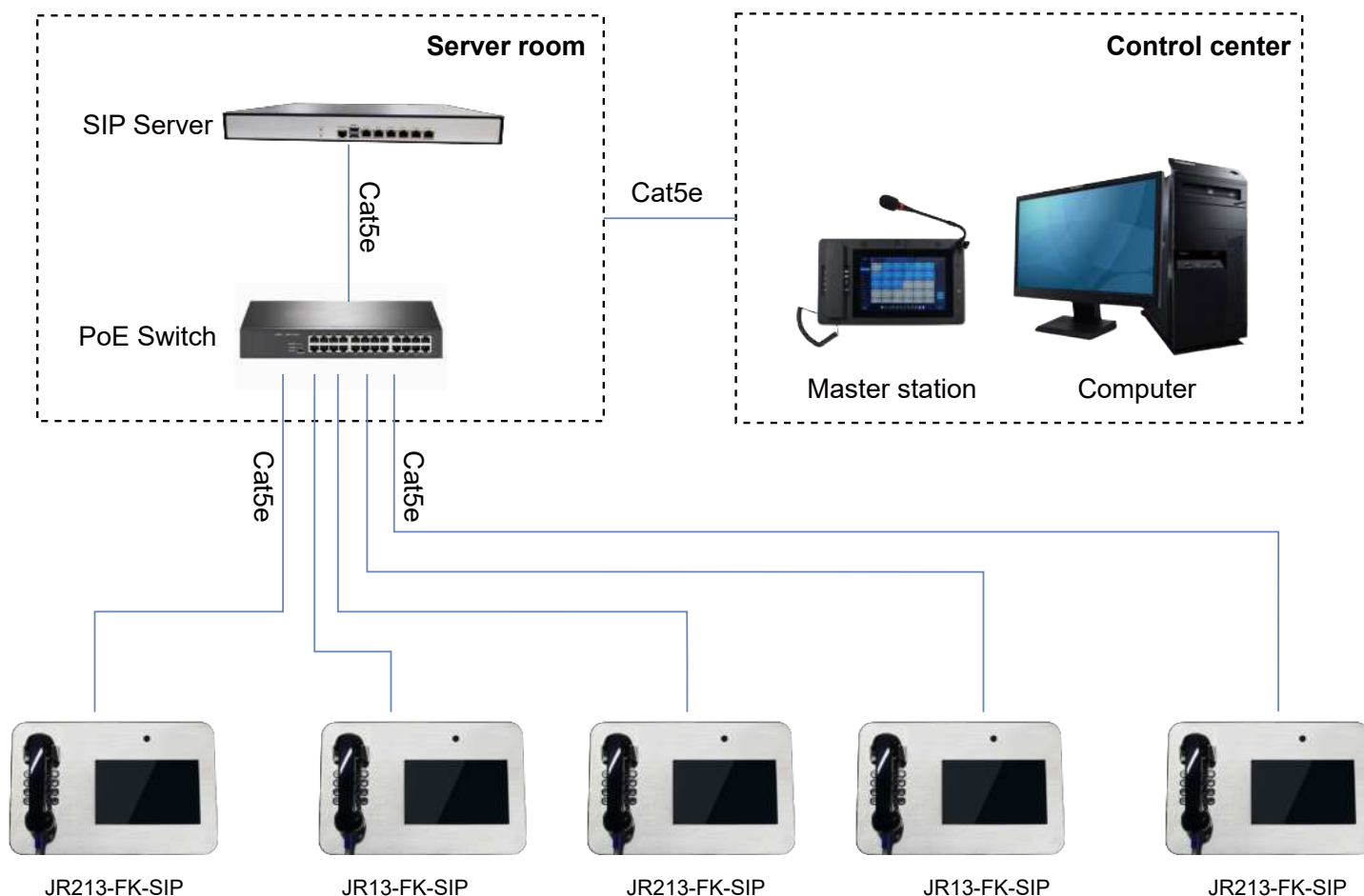| Specification | | | |
|---|---|---|---|
| Standard SIP 2.0 (RFC3261) protocol | | DC 12V Powered | |
| Support DHCP get IP on WAN port | | Connectors, Cat5e or better | |
| Support configuration by web interface | | The video support H.264, H.263 encoding | |
| Support Echo cancellation | | Flexible hardware design, rich peripheral interface | |
| Heat dissipation | 64 BTU/Hr | Power Consumption | 16W |
| LAN Port | 10/100Base- T RJ-45 for PC, Auto MDIX | WAN Port | 10/100Base- T RJ-45 for LAN, Auto MDIX |
| Operating system | Android 5.1 | CPU | Quad-core ARM cortex A17 CPU@1.8GHz |
| RAM: LPDDR3 1G | ROM: EMMC 8G | USB interface | Micro usb OTG2.0 |
| HDMI | V2.0 and support 4K HD output | RJ45 interface | IEE802.3af |
| Speaker | 8Ω 10W | Operating: -30°C to +65°C | Storing: -40°C to +75°C |
| Induction Loop | | | |
| Effective distance | 60~120 CM | Power | 8W |

# DISPLAY SPECIFICATIONS

The display is a 7" color TFT-LCD (Thin Film Transistor Liquid Crystal Display) module. This model is Composed of a TFT LCD panel,a driving circuit and a back light,and also has a 7.0 (16:9) inch diagonally measured active display area with WSVGA(1024 horizontal by 600 vertical pixel) resolution in a stripe arrangement. Display 16M colors by 8 bit R.G.B signal input.

| Specification | |
|---|---|
| Outline Dimension | 164.00 x 97.0 x 2.60(Typ.) mm |
| Display area | 154.2144(H) x 85.920(V) mm |
| Number of Pixel | 1024RGB (H) x 600(V) pixels |
| Pixel pitch | 0.1506(H) x 0.1432(V) mm |
| Pixel arrangement | RGB Vertical stripe |
| Display mode | Normally white TN |
| Surface treatment | Hard-Coating with EwV film |
| Back-light | White LED |
| System interface | MIPI |
| NTSC | 50(typ) % |
| Viewing Direction | 6'CLOCK |

| Camera Specifications | | | |
|---|---|---|---|
| Photosensitive film | OV9732 (1/4") | The most effective pixel | 1280 (H) *720 (V) |
| Sensitivity | 600mV/Lux-sec | Pixel Size | 3µm x3µm |
| Image area | 3888µmx2208µm | Interface type | USB2.0 High Speed |
| Power supply and interface | USB BUS POWER | Lens Specifications Size: 1/4, Iris: F2.5, Focus: 2.5mm, FOV: 80Degree | |

# APPLICATION

The entire ip intercom system is running and uses the voip network for transmission. The ip two-way video intercom is used in the terminal to perform two-way video full-duplex communication. The video stream can be simultaneously transmitted to the storage server while the video communication is in progress. In the control center of the intercom system, you can control the outgoing and incoming control of the ip intercom.

**Server room**

SIP Server

Cat5e

PoE Switch

Cat5e

Cat5e | Cat5e

**Control center**

Master station    Computer

Cat5e

JR213-FK-SIP    JR13-FK-SIP    JR213-FK-SIP    JR13-FK-SIP    JR213-FK-SIP

# OPTIONAL ACCESSORIES

JR-BS-01
Acousto-optic Alarm

JR-LP-02
LED Beacon Light

JRSP-SIP-01
SIP Speaker

JR-TH-01
Acoustic Hood

# APPLICATION SCENARIO


Metro


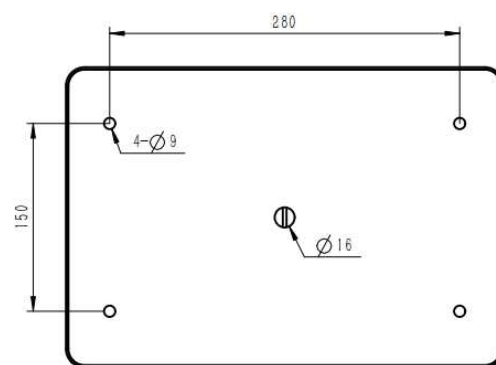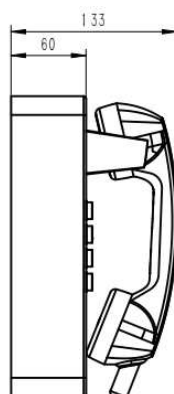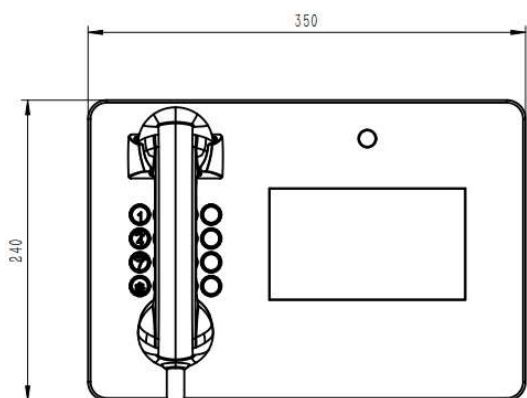Airport


Bus Station


Business center


Prison


Hospital


Bank


School

# DIMENSIONS



| Package | |
|---|---|
| Unit size | 240*350*133 (mm) |
| Shipping Dimensions | 500*320 *170 (mm) |
| Packaging materials | Pearl cotton, carton |
| Weight | Net weight: 5 KG / Gross weight: 6 KG |