

Emergency Telephone Pillar

This is an ideal security solution for remote and high-risk areas. Standing over nine feet tall, this vandal-resistant tower serves as a strong deterrent to crime. An always-lit LED Blue Light mounted atop the tower provides high visibility and gives passersby a sense of security. Users can call emergency personnel with a simple push of a button. Simultaneously, time, the LED Blue Light begins to flash, attracting attention to the location. The Emergency Phone face-plate is illuminated at all times for clear visibility during the night.

IP65



IK10

HD

MAIN FEATURES

Emergency phone tower provides a simple network connection without the need for a telephone adaptor, extending VoIP access into the most challenging environments. With only one voice and data infrastructure to install and maintain, time, money and call costs are significantly reduced. The towers withstand extreme temperatures, harsh weather conditions, vandalism, and vibration, while offering enhanced electromagnetic and lightning protection.

Emergency Phone Towers offer greater deployment flexibility with options for wireless connectivity, solar power, surveillance, and day/night charging.

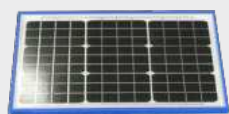
These towers are commonly deployed at university and college campuses, parking facilities, shopping malls, medical centers, industrial campuses, transit facilities, and remote locations where local power is unavailable.

- Protection grade up to IP65-IP66
- The LED Blue Light is housed in a protective polycarbonate housing
- Cold-rolled steel body, constructed with 0.12 to 0.125-inch thick steel, standing alone for mounting
- The emergency phone faceplate is made of brushed stainless steel with security screws
- Hands-free operation with a single vandal-resistant metal button for emergency calls
- Noise-cancelling microphone
- Built-in 2W speaker
- Vandal-resistant structure and coating designed to withstand extreme weather conditions
- A variety of signage, graphics and color choices are available
- Blue color (other colors available on request)
- Warranty: 5-year warranty on the tower, 2-year warranty on electronics
- Compliant with CE, FCC, RoHS, IK10, IP65, ISO9001 standards

TECHNICAL SPECIFICATIONS

SIP Specifications	
Power supply	Power over ethernet
Power	9.0 watts, 12~24V DC
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, G.726
Communication mode	Full duplex
Ringing volume	90~95 dB (A) @ 1 meter
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
Technical Specifications	
Built-in auto-dial, 2-way hands-free communication with built-in speaker and microphone, standard RJ45 connector.	
Auto-answer allows security to monitor and initiate calls with Emergency Phone.	
Vandal resistant brushed stainless steel face-plate and metal button, Circuit boards are conformal coated for water protection.	
Offers direct connection to LAN or WAN via RJ45 connector, including Power-Over-Ethernet (POE) standard.	
Easy Configuration	
Intuitive web pages held within the telephone can be accessed over the network using a browser such as Internet Explorer™ to view monitor and change settings within the telephone.	
24/7 Availability	
Telephones with memory buttons have an automatic call divert facility as standard, so that if a number (or URL) is not available then to up to 20 alternatives can be dialled automatically.	
Remote Control	
Two outputs provide the ability to control external beacons, sounders, CCTV triggering and gate control.	
Four inputs allow for the monitoring of sensors which can initiate email or Syslog messaging.	
Global Application	
Equipped with national telephone call tones enabling seamless operation across the globe, and giving the user recognisable comfort tones.	
Weather and Vandal Resistance is Standard	
The telephones are housed within our standard enclosures offering proven high levels of unit integrity and delivering a robust solution.	
Multicast (Only applicable to hands-free products)	
Allows a single audio stream to be received by multiple endpoints simultaneously, to achieve multi-point paging or Public Address functionality over IP (Requires a multicast compliant SIP server).	
8 definable multicast address ranges, with individual priority levels, for zoning. Assignable relay outputs and splash tones.	
Audio Path Testing	
Allows remote testing of handsets, microphones and speakers, to verify that a phone is functioning acoustically.	
Can be run on demand or on a scheduled basis, reporting its results via Syslog and / or email.	
DTMF (dual tone multi-frequency)	
The phone's 2 relays can be activated remotely using DTMF codes.	
Lighting	
LED Blue Light, 209 lumens peak, 78 flashes per minute, 70% of initial lumens after 50,000 hours of operation.	
Coating	
High-gloss, multi-layer, corrosion-inhibitive, system with resistance to graffiti protection.	
Mounting	
Mounts into concrete foundation using included hardware (shipped in advance). Mounting options available for pre-poured parking decks.	

OPTIONAL ACCESSORIES



Solar Panel
JR321-SC-SP



Surveillance



Button
Multiple Options Available



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

JR321-SC-SP Solar Emergency Telephone Pillar



Solar Panel and Rechargeable Lithium Battery

- The monocrystalline solar cells used have high conversion efficiency
- The aluminum alloy frame used has high strength and strong mechanical impact resistance.
- Power tolerance range (guaranteed output power within 3% plus or minus tolerance range)
- This product has excellent low-light performance.
- Can withstand strong wind and snow loads Solar panels can withstand wind loads (2400 Pascal) and snow loads (5400 Pascal)
- Solar panels and batteries are sized according to the installation location. A charger, batteries and other equipment mount inside the tower.(optional)

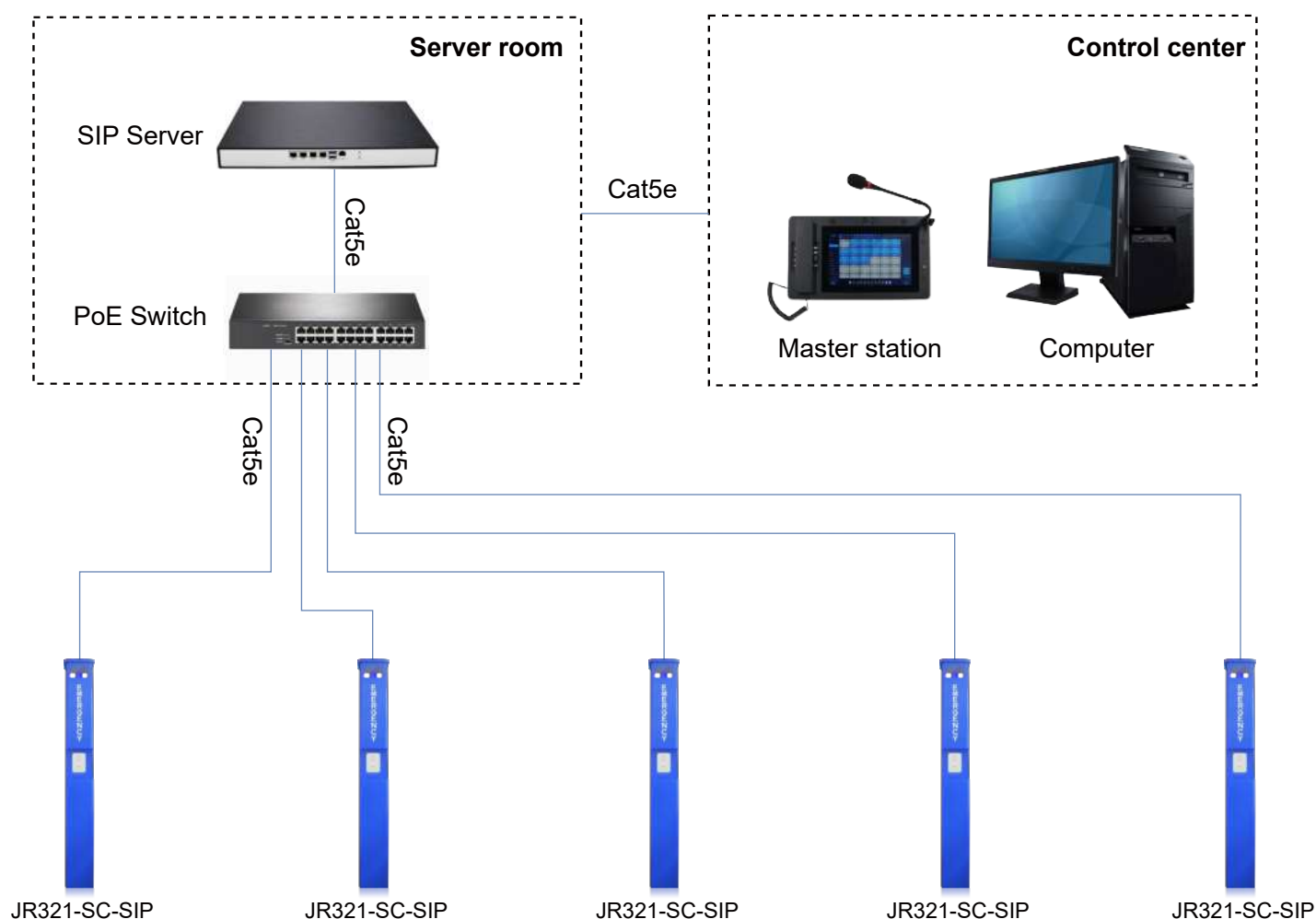
Solar Panel Specification		
Pmax	40/50/60/80W	
Vmp	18 V	
Open circuit voltage (Voc)	21.6V	
Peak current (Imp)	2.22A	
Short circuit current (Isc)	2.44A	
Maximum working voltage	1000V	
Operating temperature range	-40°C / +85°C	
Working environment	0 to 100%	
Diode 0 by pass Tolerance	-3/+3 %	
Battery Pack Specification		
Items	Standard	Comments
3AH battery	3 days	Standby time
6AH battery	1 week	Standby time
13AH battery	2 weeks	Standby time
Nominal voltage(V)	12V	
Max.discharge current	3A	
Operation temperature range°C	Charge:	0°C～+45°C
	Discharge:	-20°C～+75°C
Storage temperature range°C	-10°C～50°C	

General and Electrical Requirements

Name	Value	Unit	Tolerance	Remarks
Charging Voltage DC 5521 Socket	12.6	Vdc	Typ.	
Charging Current DC 5521 Socket @12.6V/5ADC	1.5	A	Typ.	
Output Voltage DC 5521 Socket @12V OUT	9 11.1 12.6	Vdc Vdc Vdc	Min. Typ. Max.	The output voltage is output directly from 3S Li-Ion battery by through the PCM, So the output voltage is not constant.
Output Current DC 5521 Socket @12V OUT	3	A	Max.	
Output Power DC 5521 Socket @12V OUT	36	W	Max.	
Quiescent Power Consumption Power on@no load Power off	0.09 3	W mW	Max. Max.	

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.



APPLICATION SCENARIOS



Metro



Airport



Platform



Business center



Highway / Tunnel



Railway

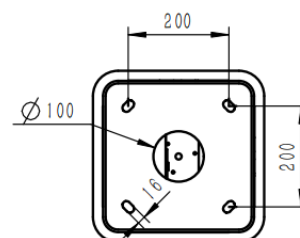
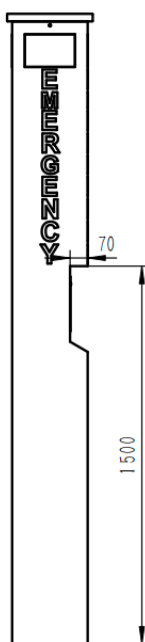
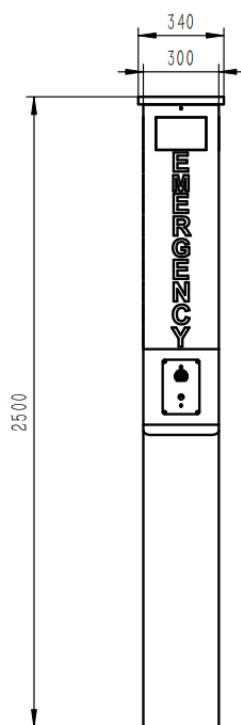


Hospital



School

DIMENSIONS



Package	
Unit size	2500*340*300 (mm)
Shipping dimensions	2570*420*500 (mm)
Packaging materials	Foam padding, wooden case
Weight	Gross weight: 104 kg / Net weight: 67 kg

