Emergency Telephone Pillar

- Solar powered with a mounting bracket adjustable in the vertical direction
- Robust cold-rolled steel housing (can customized stainless steel)
- High capacity battery, long standby time
- The LED Blue Light is housed in a protective polycarbonate housing
- CE, FCC, RoHS, IK10, IP65, ISO9001 standards

IP65 IK10 HD

MAIN FEATURES

■ Solar power offers substantial savings when compared to costly trenching for power cable. Widely used in campuses, parking lots, airports, commercial centers, hospitals, industrial parks, walkpath, amusement parks / recreational Facilities, highways/tunnels and remote outdoor areas such as forest parks.

■ Support SIP-based network connections. Simply connect a network cable to establish telephone communication. With a unified voice and data infrastructure, installation and maintenance are significantly simplified—reducing time, operational efforts, and communication costs.

■ Support 4G wireless connection with 4G module with SIM cards for data transmission, and can be used as long as the signal coverage is available. This options offer significant savings when NO power or NO telephone line available.

- The emergency phone panel is made of brushed stainless steel
- Hands-free full-duplex communication with one-button calling
- LED light flashes for incoming calls
- Noise-cancelling microphone
- Built-in 2W speaker
- IP65 Waterproof rating
- Warranty: 24 monthes for telephone, 12 month for column
- Compliant with CE, FCC, RoHS, IK10, IP65, ISO9001 standards

APPLICATION SCENARIO


Highway


Railway


Scenic spots


Seaside

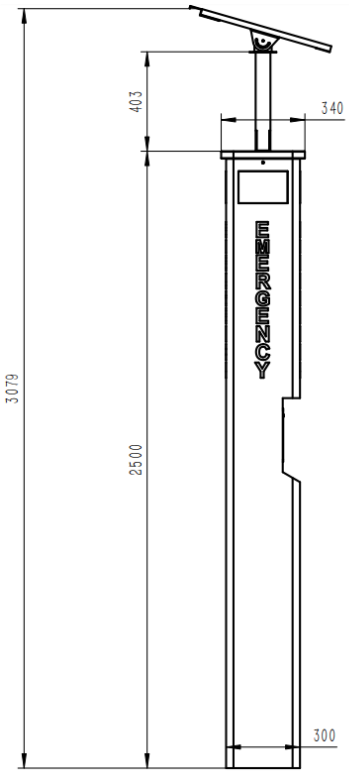

Smart city

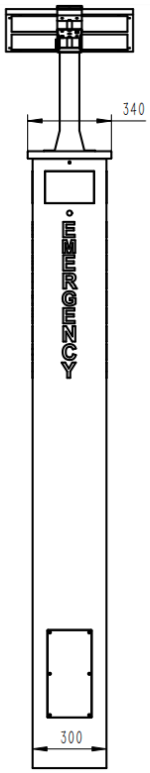

School

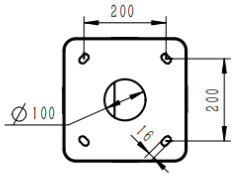

Parking


Industry zone

DIMENSIONS







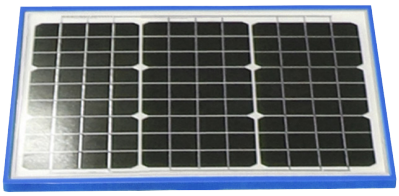
Package

Telephone Pillar		Solar Panel	
Shipping dimensions	257*42*50 cm	Shipping dimensions	56*58*7 cm
Weight	104kg	Weight	12 kg
Packaging materials	Pearl cotton, wooden case	Packaging materials	Pearl cotton, wooden case

Add: 6/F, A1, Xingyi industrial city , Baishixia Est., Fuyong, Bao'an, Shenzhen, China
Email: sales@jrteck.com
Tel: +86 - 755 - 27322952
Web: www.jrteck.com

Solar Panel 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 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	SIP	4G
3AH battery	2 days	3 days
6AH battery	4 days	1 week
13AH battery	1 weeks	2 weeks
Nominal voltage(V)	12V	12V
Max.discharge current	3A	3A
Operation temperature range°C	Charge: 0°C～+45°C	Charge: 0°C～+45°C
	Discharge: -20°C～+75°C	Discharge: -20°C～+75°C
Storage temperature range°C	-10°C～50°C	-10°C～50°C

SIP 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	

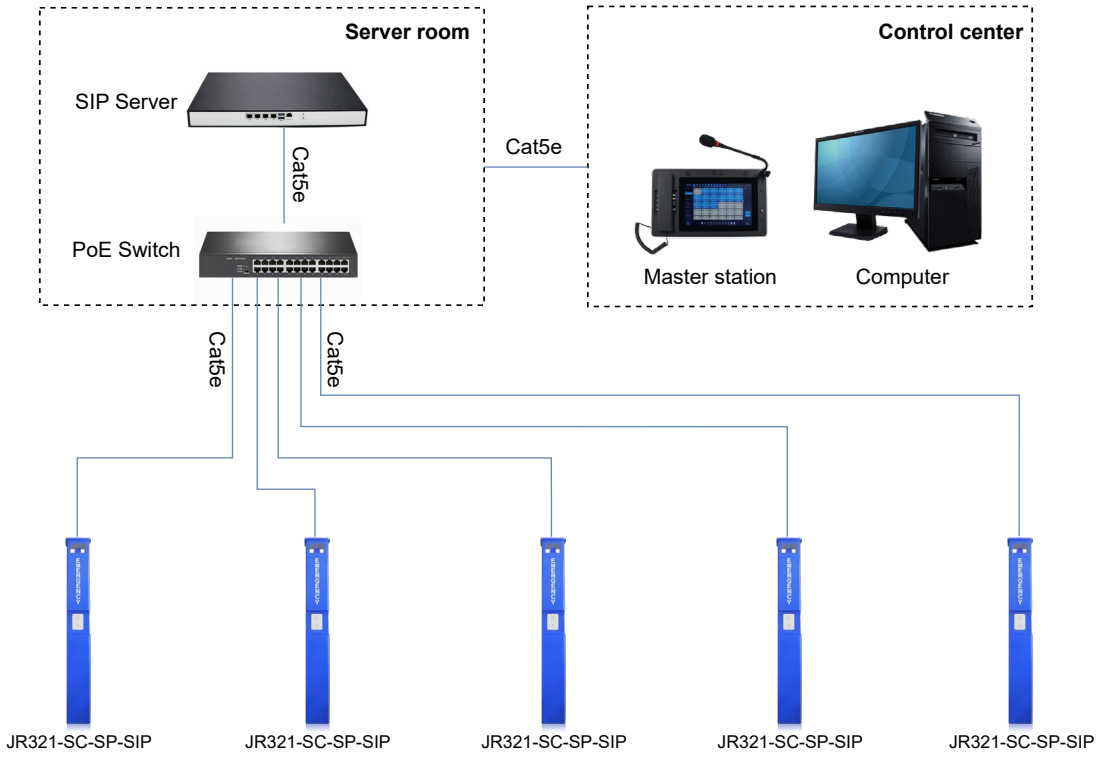
4G TECHNICAL SPECIFICATIONS

4G Specifications	
Power supply	12V DC
Adapter input	7.4 V-12V DC
Power consumption	Idle 0.3W / Working 1.5W
Communication mode	4G
Working frequency	Depends on modules
Ringing tone	90 dB (A) @ 1 meter
Configuration method	Remote configuration via SMS, allows management from a central location
Configuration	Remote monitoring / Auto-dial numbers
Time out	Enforces a fixed call maximum time limit of 6-8 minutes from off-hook, configurably
Diagnostic function	Low battery voltage, weak signal, speaker volume, microphone volume can be reported via message
Antenna	Quad-band SMA male, externally mounted with 2 m cable
Environment temperature	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

4G Module EC25				
Module	**EC25-E**	**EC25-EU / EUX**	**EC25-J**	**EC25-V**
Region	EMEA/Korea/Thailand/India	EMEA/Thailand	Japanese	America Verizon
Frequency				
LTE-FDD	B1/B3/B5/B7/B8/B20	B1/B3/B7/B8/B20/B28A	B1/B3/B8/B18/B19/B26	B4/B13
LTE-TDD	B38/B40/B41	B38/B40/B41	B41	/
WCDMA	B38/B40/B41	B1/B8	B1/B6/B8/B19	/
GSM/EDGE	B3/B8	B3/B8	/	/
GNSS	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (option)	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (option)	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (option)	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (option)
Module	**EC25-A**	**EC25-AF / AFX / AFXD (Data-only)**	**EC25-AUX**	**EC25-MX**
Region	North America	North America	Latin America/Australia/New Zealand	Mexico
Frequency				
LTE-FDD	B2/B4/B12	B2/B4/B5/B12/B13/B14/B66/B71	B1/ B2①/B3/B4/B5/B7/B8/B28	B2/B4/B5/B7/B28/B66
LTE-TDD	/	/	B40	/
WCDMA	B2/B4/B5	B2/B4/B5	B1/B2/B4/B5/B8	B2/B4/B5
GSM/EDGE	/	/	B2/B3/B5/B8	/
GNSS	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (option)	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (option)	GPS/GLONASS/BeiDou (Compass)/ Galileo/QZSS (option)	/

SIP 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.



4G APPLICATIONS

Insert the SIM card into the 4G phone and connect to the operator's network to make calls