

## 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

### 4G Wireless Communication With Remote Configuration

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

The towers withstand extreme temperatures, harsh weather conditions, vandalism, and vibration, while offering enhanced electromagnetic and lightning protection.

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

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
<b>Lighting</b>	
LED Blue Light, 209 lumens peak, 78 flashes per minute, 70% of initial lumens after 50,000 hours of operation.	
<b>Coating</b>	
High-gloss, multi-layer, corrosion-inhibitive, system with resistance to graffiti protection.	
<b>Mounting</b>	
Mounts into concrete foundation using included hardware (shipped in advance). Mounting options available for pre-poured parking decks.	

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/ B2 <sup>①</sup> /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)	/

## 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  $\pm 3\%$  plus or minus tolerance range)
- This product has excellent low-high 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)

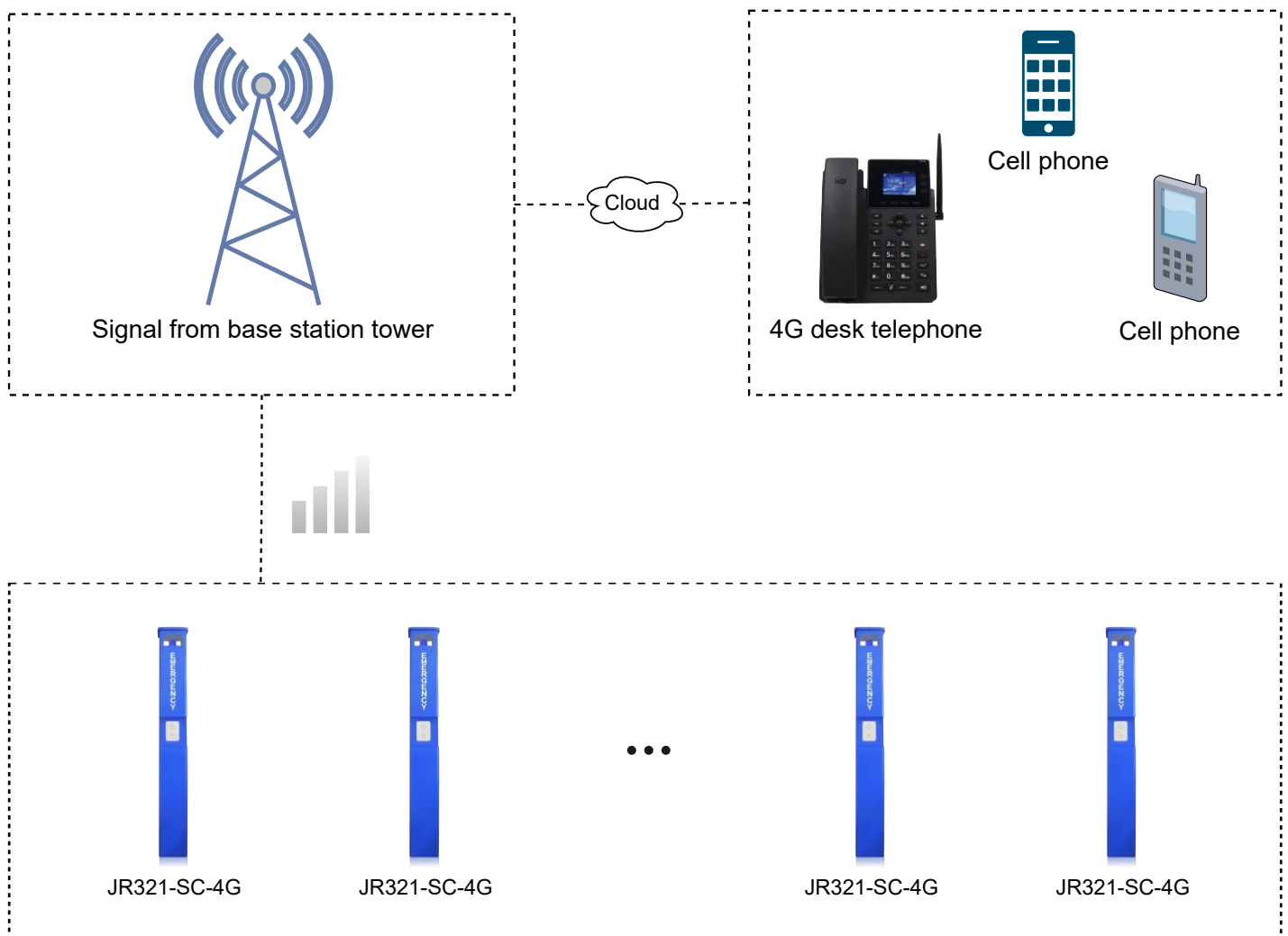
Solar Panel Specification		
Pmax	40/50/60/80W	
Vmp	18 V	
Open circuit voltage (Voc)	21.6V	
Peak current (Imp)	2.22A	
Short circuit current (Isc)	2.44A	
Maximum working voltage	1000V	
Operating temperature range	-40°C / +85°C	
Working environment	0 to 100%	
Diode 0 by pass Tolerance	-3/+3 %	
Battery Pack 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
<b>Charging Voltage</b> DC 5521 Socket	12.6	Vdc	Typ.	
<b>Charging Current</b> DC 5521 Socket @12.6V/5ADC	1.5	A	Typ.	
<b>Output Voltage</b> 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.
<b>Output Current</b> DC 5521 Socket @12V OUT	3	A	Max.	
<b>Output Power</b> DC 5521 Socket @12V OUT	36	W	Max.	
<b>Quiescent Power Consumption</b> Power on@no load Power off	0.09 3	W mW	Max. Max.	

## APPLICATIONS

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



## APPLICATION SCENARIOS



Metro



Airport



Platform



Business center



Highway / Tunnel



Railway

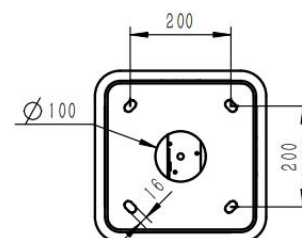
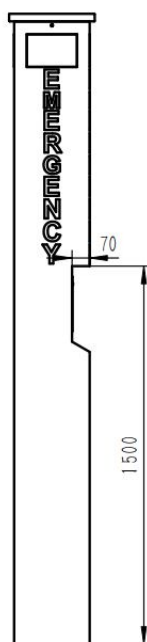
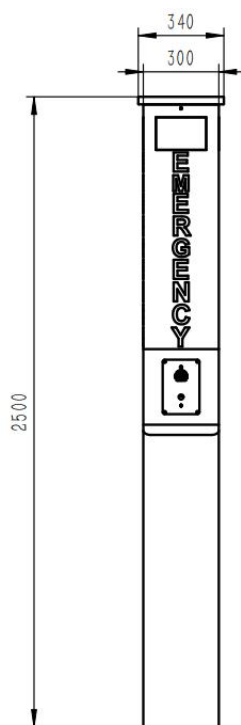


Hospital



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

