



SLK-R650 series

Industrial outdoor 5G

wireless CPE

Product manual

Product display



Product introduction:

SLK-R650-5G is a high-speed 5G CPE based on 5G NR/LTE-FDD/LTE-TDD/HSPA+ cellular modem, with high-performance dual-core CPU, which provides two 10/100/1000m network ports, one of which is waterproof POE network port, supports standard or non-standard POE power supply, and one SIM card slot to receive high-speed 5G network. Aviation cast aluminum shell, IP65 protection grade, waterproof, dustproof, high and low temperature resistant, with good heat dissipation design. Main application: converting high-speed 5G signal into 1000M network port.

It has been widely used in M2M industries of Internet of Things industry chain, such as self-service terminal, smart grid, intelligent transportation, smart home, finance, mobile POS terminal, supply chain automation, industrial automation, intelligent building, fire protection, environmental protection, meteorology, digital medical care, telemetry, agriculture, forestry, coal, petrochemical and other fields.

Features:

- ✓ High performance dual-core CPU
- ✓ 2 x 10/100/1000M Ethernet LAN/WAN interface
- ✓ 5G NR/LTE-FDD/LTE-TDD/HSPA+ network
- ✓ The protection level reaches IP65, waterproof, dustproof and corrosion-proof.
- ✓ Standard POE network port supports standard POE48V power input or DC24V voltage input.

- ✓ 4-way FRP 5G antenna

Product parameters:

Hardware:

hardware	
CPU	High performance dual-core CPU
RAM	2G bit
SPI FLASH	16M(bytes)
Nand Flash	128MB(Bytes) optional
operating system	The latest version of LINUX

Network interface:

network interface		
Support frequency band	5G/4G/3G version	
5G	Sub-6G	n1,n2,n3,n5,n7,n8,n12,n20,n25,n28,n40,n41,n66,n71,n77,n78,n79
4G	LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71
4G	LTE-TDD	B34/B38/B39/B40/B41/B42/B48
3G	WCDMA	B1/B2/B3/B4/B5/B8
Theoretical bandwidth	Sub - 6G: Up to 300Mbps for upstream and 4Gbps for downstream. Lte cat20: up to 150Mbps for uplink and up to 2.4Gbps for downlink HspA+:Up to 5.76Mbps for upstream and 42.0Mbps for downstream The above data are only theoretical values, and the actual network speed is subject to the local environment.	
Routing function		
firewall	Network address translation (NAT)	
	State all-inclusive check (SPI)	
Media access control	CSMA/CA with ACK	
VPN protocol	PPTP,L2TP ,OpenVPN Client	
DHCP	Build-in DHCP (Dynamic Host Configuration Protocol)	
Other agreements	Support PPP,PPOE, DDNS,ICMP,VRRP, etc	
Characteristic function	Support intranet penetration FRP client	

Interface:

joggle/interface	
LAN port	1x 10/100/1000M network port inside
POE network port	Provide a standard or non-standard 10/100/1000M POE network port. POE port supports DC48V power supply. Non-standard POE supports DC12-55V power supply
Reset button	1x reset button
aerial	4x N female head antenna interface with 5G FRP antenna
LED	Power-SYS-LAN-5G LED internal display
SIM card slot	1.8/3.3V SIM card support

Power supply:

Power Supply	
Default power supply	24V/1A non-standard POE power adapter
Input voltage range	DC12~55VDC
power	20W (Max)

Physical data:

Physical data:	
operating temperature	Storage temperature: (-40 C to 85 C)
	Operating temperature: (-20 c to 65 c)
the protection grades	Support IP65 protection level, waterproof, dustproof and corrosion resistant.
relative humidity	95%
inside measurement	L*S*H: 160mm x110mm x 60mm
weight	Net weight: 2.5kg
	Packing weight: 3kg
Relevant certificate	CCC,CE,FCC,RHOS

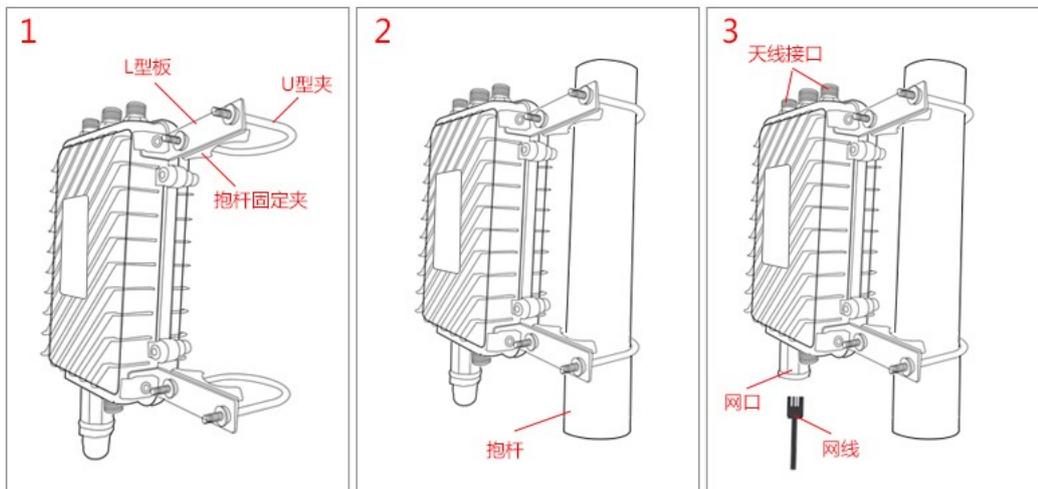
Other:

other	
guarantee to keep in good condition or repair	2 years
Packaging content	Outdoor 5G CPE , 4x5G glass fiber reinforced plastic antenna, POE power adapter, 2 sets of holding pole steel belt with a circumference of 66cm, 1 set of mounting bracket, and electronic file of instructions.

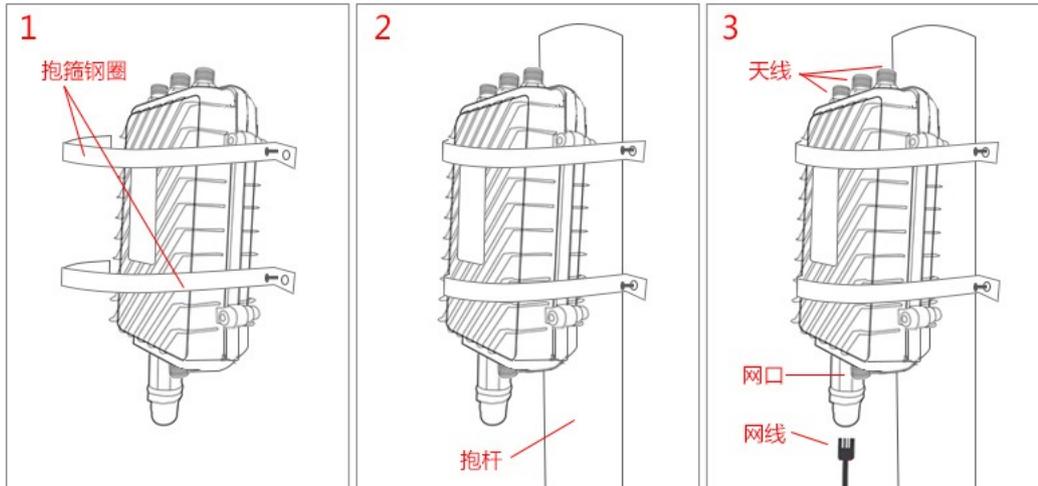
Ordering information:

model	LAN (internal)	LAN(POE network port)	SIM card slot	5G antenna
SLK-R650	one	one	one	four

Installation dimensions:
Mounted by bracket:



Through 304 stainless steel band binding installation:



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If you have any questions, please contact info@seriallink.net or log in to www.seriallink.net.