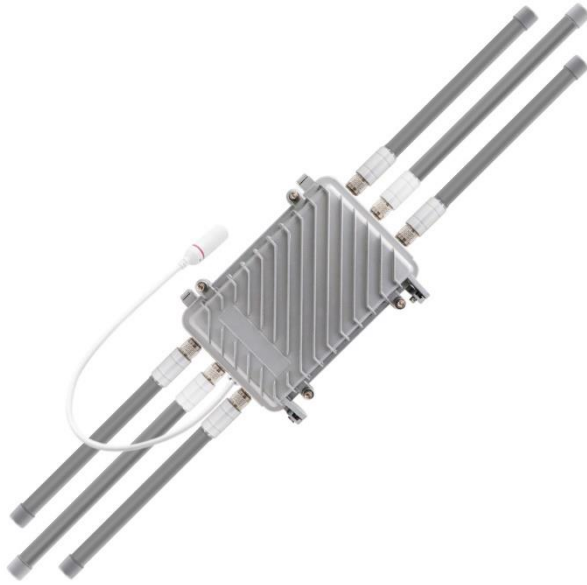# SLK-R630 Series

Industrial Outdoor

5G Wireless

CPE Data Sheet

Product Introduction

Introduction：

SLK-R630-5G is an industrial-grade high-speed 5G wireless CPE based on Multi-Band 5G NR/LTE-FDD/LTE-TDD/HSPA+ cellular mobile network to provide users with high-speed wireless Internet and wireless data transmission functions.

This product adopts industrial-grade dedicated communication　Qualcomm Quad-core CPU/ 710MHz CPU processors, industrial-strength wireless mold piece, the LINUX embedded real-time operating system, support a SIM card interface, 1 10/100/1000M port, and 2.4G&5.8 High power WIFI interface, at the same time provide LAN port equipment or WIFI Internet or data transmission function.

It also adopts wide temperature, wide voltage input and EMC test with electromagnetic compatibility.

Has been widely used in the Internet of things industry chain of M2M industry, such as self-service terminals, smart grid, smart transportation, smart home, financial, mobile POS terminals, supply chain automation, industrial automation, intelligent buildings, fire control, public security, environmental protection, meteorology, digital medical treatment, telemetry, military, space exploration, agriculture, forestry, water, coal, petrochemical and other fields.

Features:
- ✓ Qualcomm Quad-core CPU/ 710MHz
- ✓ 2x2 MU-MIMO On-board WiFi 2.4GHz radio, up to 574Mbps physical data rate
- ✓ 2x2 MU-MIMO On-board WiFi 5GHz radio, up to 1210Mbps physical data rate
- ✓ 1x 10/100/1000M Ethernet LAN Port

Details：

Hardware ：

Hardware	
CPU	Qualcomm Quad-core CPU/ 710MHz
RAM	256MB
NOR Flash	32MB
OS	LINUX latest version

WIFI Performance：

WIFI supported	
Wireless	High power WiFi performance On-board 2x2 2.4GHz 802.11b/g/n, max 25dBm per chain, and On-board 2x2 5GHz 802.11a/n/ac, max 27dBm per chain
Frequency	2.412GHz to 2.472GHz and 5.150GHz to 5.825GHz, simultaneous dual band
WIFI Rate	2x2 MU-MIMO On-board WiFi 2.4GHz radio, up to 574Mbps physical data rate, TCP data up to 400Mbps
	2x2 MU-MIMO On-board WiFi 5GHz radio, up to 1210Mbps physical data rate, TCP data rate up to 800Mbps
Modulation Techniques	802.11b: DSSS (DBPSK / DQPSK / CCK) 802.11a/g: OFDM (BPSK / QPSK / 16-QAM / 64-QAM) 802.11ac/n: OFDM (BPSK / QPSK / 16-QAM / 64-QAM / 256-QAM)

Cellular Interface：

Cellular Interface		
Band Supported	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
Theory of Bandwidth	• Sub‑6G:Uplink up to 300Mbps,Downlink up to 4 Gbps • LTE CAT20:Uplink up to 150Mbps,Downlink up to 2.4Gbps • HSPA+:Uplink up to 5.76Mbps,Downlink up to 42.0Mbps This is the theoretical value, the actual speed is subject to the local operator	

Router characteristics	
Firewall	Network Address Translation (NAT)
	State full Packet Inspection (SPI)
Media Access Control	CSMA/CA with ACK
VPN protocol	PPTP,L2TP ,OpenVPN Client
DHCP	Build-in DHCP (Dynamic Host Configuration Protocol)

Others protocol	Supported PPP,PPOE，DDNS,ICMP,VRRP etc

Interface：

Interface	
LAN Port	1x 10/100/1000M POE LAN ports
Reset	1x Reset
Antennas	4x 5G Antennas (50Ω N model interface)
	1x GPS Antenna(Optional)
	2x 2.4G/5.8G WiFi Antennas (50Ω N model interface)
LED	Power-SYS-LAN-WiFi-5G LEDs
SIM slot	Supported 1.8/3.3V SIM card

Power interface ：

Power	
Default power	Standard POE 48V input (US,EU etc stander option)
Input VDC	42~57VDC
Power Consumption	16W (Max)

Physical property：

Physical property：	
Operating Temperature	Storage Temperature: (-40℃ to 90℃)
	Operating Temperature: (-30℃ to 75℃)
Relative Humidity	95%
Size	L*S*H: 245mmx195mmx75mm
Weight	Net weight:1.5kg
	Packing weight: 2kg
Certification	CCC,CE,FCC,RHOS

Others：

other	
Warranty	2 years
Package contains	Seriallink CPE Router,1.5m long RJ45 Cable,12V/2A POE Power Adapter,Antennas User manual(Option choose PDF)

Order information：

Model	LAN	WAN	SIM slot	WIFI ANT	5G ANT	GPS(optional)
SLK-R630-5G	4	1	1	2	4	1

Mounting dimension:

Thank you for your support of SERIALLINK products.

If you have any questions, please email: info@seriallink.net or www.seriallink.net