



# SLK-E960 Series

Industrial Grade

Outdoor 4G CPE

Data Sheet

## Product Introduction



### Introduction:

SLK-E960-LTE is an industrial-grade high-speed wireless router based on GPRS/CDMA/WCDMA/EVDO/LTE 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, four LANs, a WAN port, a USB interface 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
- ✓ 1 x 10/100/1000M Ethernet POE Ports

**Details:**
**Hardware :**

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

**WIFI Performance:**

<b>WIFI supported</b>	
<b>Wireless</b>	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
<b>Frequency</b>	2.412GHz to 2.472GHz and 5.150GHz to 5.825GHz, simultaneous dual band
<b>WIFI Rate</b>	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
<b>Modulation Techniques</b>	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:**

<b>Cellular Interface</b>	
<b>Band Supported</b>	4G/3G/2G Version <ul style="list-style-type: none"> <li>•Supported TDD-LTE B38/B39/B40/B41</li> <li>•Supported FDD-LTE B1/B3/B5/B8</li> <li>•Supported FDD-LTE B1/ B3/ B5/ B7/ B8/ B20</li> <li>•Supported FDD-LTE B1/ B2/ B3/ B4/ B5/ B7/ B8/ B28</li> <li>•Supported TD-SCDMA B34/B39</li> <li>•Supported WCDMA/HSDPA/HSPA+ B1/B8</li> <li>•Supported CDMA 1X/EVDO BC0</li> <li>•Supported GSM/GPRS/EDGE 900/1800 MHz</li> </ul> Depending on the country's operators, the spectrum will be chosen
<b>Theory of Bandwidth</b>	<ul style="list-style-type: none"> <li>• LTE CAT4- DL: 50Mbps, UL: 150Mbps</li> <li>• TD-HSDPA/HSUPA-DL: 2.2 Mbps, UL: 2.8 Mbps</li> <li>• HSPA+-DL: 5.76 Mbps, UL: 42 Mbps</li> <li>• WCDMA - DL/UL: 384Kbps</li> <li>• CDMA2000/EVDO DL: 1.8 Mbps, UL: 3.1 Mbps</li> </ul>
<b>Router characteristics</b>	
<b>Firewall</b>	Network Address Translation (NAT)

	State full Packet Inspection (SPI)
<b>Media Access Control</b>	CSMA/CA with ACK
<b>VPN protocol</b>	PPTP,L2TP Client
<b>DHCP</b>	Build-in DHCP (Dynamic Host Configuration Protocol)
<b>Others protocol</b>	Supported PPP,PPOE, DDNS,ICMP,VRRP etc

**Interface:**

<b>Interface</b>	
<b>LAN/WAN</b> □	1 x 10/100/1000M POE port
<b>Reset</b>	1x Reset
<b>Antennas</b>	1x 4G Antennas (50Ω SMA interface )
	2x 2.4G/5.8G WiFi Antennas (50Ω SMA interface )
<b>SIM slot</b>	Supported 1.8/3.3V SIM card

**Power interface :**

<b>Power</b>	
<b>Default power</b>	DC 12V/2A power adapter (US,EU etc stander option)
<b>Input VDC</b>	6~28VDC
<b>Power Consumption</b>	16W (Max)

**Physical property:**

<b>Physical property:</b>	
<b>Operating Temperature</b>	Storage Temperature: (-40°C to 90°C)
	Operating Temperature: (-30°C to 75°C)
<b>Relative Humidity</b>	95%
<b>Size</b>	L*S*H: 160mm x140mm x 60mm
<b>Weight</b>	Net weight:1KG
	Packing weight: 2kg
<b>Certification</b>	CCC,CE,FCC,RHOS

**Others:**

<b>other</b>	
<b>Warranty</b>	2 years
<b>Package contains</b>	SERIALLINK Router,1M Long Cable,POE Power adapter,Antenna, Clamp installation steel belt, instruction (optional electronic file), certificate of quality

**Order information:**

Model	LAN/WAN	SIM slot	WIFI ANT	4G ANT
SLK-E960-LTE	1	1	2	1

Thank you for your support of SERIALLINK products.

If you have any questions, please email: [info@seriallink.net](mailto:info@seriallink.net) or [www.seriallink.net](http://www.seriallink.net)