



SLK-R602-LTE Series

Industrial 4G Router

Data sheet



Introduction:

SLK-R602-LTE is an industrial-grade high-speed wireless router based on GPRS//WCDMA//LTE cellular mobile network to provide users with high-speed wireless Internet and wireless data transmission functions.

This product adopts industrial-grade dedicated communication 32-bit RISC processors, industrial-strength wireless mold piece, the LINUX embedded real-time operating system, support a SIM card interface, four LAN, a WAN port, and 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:

- ✓ 580MHz MIPS®24K™ CPU
- ✓ 1Gb RAM, 16M Flash
- ✓ 1x10/100M LAN port
- ✓ 1x10/100M WAN port
- ✓ Optional cellular modules adapted to different national frequency bands
- ✓ 1x1.8V/3.3V SIM card slot supported
- ✓ Built in 802.11n 150Mbps WIFI
- ✓ Power in supported DC12-28VDC
- ✓ 1x 4G antenna SMA interface, 1xWIFI antenna SMA interface
- ✓ DIN35MM guide rail or wall mounted
- ✓ Support VPN client (PPTP, L2TP, OPENVPN, GRE)
- ✓

Details:
Cellular information :

| SLK-R602-LTE (EU) (Applicable to Europe, Asia and other regions) | |
|---|--|
| Band Supported | <ul style="list-style-type: none"> • LTE FDD: B 1/3/5/7/8/20 • WCDMA: B1/5/8 • GSM/GPRS/EDGE: 850/900/1800MHz |
| Bandwidth | <ul style="list-style-type: none"> • LTE FDD: 150Mbps DL/50Mbps UL • WCDMA: 384 kbps DL/384 kbps UL • DC-HSPA+: 42Mbps DL/5.76Mbps UL • EDGE: 296Kbps DL/236.8Kbps UL • GPRS: 107Kbps DL/85.6Kbps UL <p>The actual network speed is subject to the local network situation.</p> |
| TX Power | GSM850: 32.5 dBm±1dBm GSM900: 32.5 dBm±1dBm DCS1800: 29.5dBm±1dBm WCDMA : 23.5dBm±1dBm LTE FDD: 23.0dBm±1dBm |

| SLK-R602-LTE(EAU) (Applicable to Europe, Asia Pacific, Middle East and other regions) | |
|--|---|
| Band Supported | <ul style="list-style-type: none"> • LTE FDD: B 1/3/5/7/8/20/28 • LTE TDD: B 38/40/41 • WCDMA: B 1/5/8 • GSM/GPRS/EDGE: 850/900/1800MHz |
| Bandwidth | <ul style="list-style-type: none"> • LTE FDD: 150Mbps DL/50Mbps UL • LTE TDD: 130Mbps DL/30.5Mbps UL • WCDMA: 384 kbps DL/384 kbps UL • DC-HSPA+: 42Mbps DL/5.76Mbps UL • EDGE: 296Kbps DL/236.8Kbps UL • GPRS: 107Kbps DL/85.6Kbps UL <p>The actual network speed is subject to the local network situation.</p> |
| TX Power | GSM850: 32.5 dBm±1dBm GSM900: 32.5 dBm±1dBm DCS1800: 29.5dBm±1dBm WCDMA : 23.5dBm±1dBm LTE FDD: 23.0dBm±1dBm LTE TDD: 23.0dBm±1dBm |

SLK-R602-LTE(AM) (Applicable to North America and other regions)

| | |
|-----------------------|---|
| Band Supported | <ul style="list-style-type: none"> • LTE FDD: B2/4/5/12/13/17/66/71 • WCDMA: B2/4/5 |
| Bandwidth | <ul style="list-style-type: none"> • LTE FDD: 150Mbps DL/50Mbps UL • WCDMA: 384 kbps DL/384 kbps UL • DC-HSPA+: 42Mbps DL/5.76Mbps UL <p>The actual network speed is subject to the local network situation.</p> |
| TX Power | <p>WCDMA : 23.5dBm±1dBm LTE FDD: 23.0dBm±1dBm</p> |

SLK-R602-LTE(LA) (Applicable to North America, South America and other regions)

| | |
|-----------------------|---|
| Band Supported | <ul style="list-style-type: none"> • LTE FDD: B1/2/3/4/5/7/8/12/17/28/66 • LTE TDD: B38/40 • WCDMA: B1/2/3/4/5/8 • GSM/GPRS/EDGE: 850/900/1800MHz |
| Bandwidth | <ul style="list-style-type: none"> • LTE FDD: 150Mbps DL/50Mbps UL • LTE TDD: 130Mbps DL/30.5Mbps UL • WCDMA: 384 kbps DL/384 kbps UL • DC-HSPA+: 42Mbps DL/5.76Mbps UL • EDGE: 296Kbps DL/236.8Kbps UL • GPRS: 107Kbps DL/85.6Kbps UL <p>The actual network speed is subject to the local network situation.</p> |
| TX Power | <p>GSM900: 32.5 dBm±1dBm DCS1800: 29.5dBm±1dBm WCDMA: 23.5dBm±1dBm LTE FDD: 23.0dBm±1dBm LTE TDD: 23.0dBm±1dBm</p> |

WIFI Performance :

| | |
|-----------------------|--|
| WIFI supported | |
| Standards | Supported IEEE 802.11 b/g/n |
| Frequency | 2.4GHz (ISM band supported) |
| WIFI Rate | 150Mbps |
| Security | 64/128-bit WEP (Wired Equivalent Privacy) |
| | WPA & WPA-PSK & WPA2 -PSK (Wi-Fi Protected Access) |

Router characteristics

| | |
|-----------------------------|---|
| Firewall | Network Address Translation (NAT) |
| | State full Packet Inspection (SPI) |
| Media Access Control | CSMA/CA with ACK |
| VPN protocol | Supported OPENVPN, GRE, PPTP, L2TP client |
| DHCP | Build-in DHCP (Dynamic Host Configuration Protocol) |
| Others protocol | Supported PPP, PPOE, DDNS, ICMP, VRRP etc |

Interface:

| | |
|----------------------|---|
| Interface | |
| LAN | 1 x 10/100M port |
| WAN | 1x 10/100M WAN/LAN port |
| Reset | 1x Reset |
| Antennas | 1x 3G/4G Antenna (50Ω SMA interface) |
| | 1x Wi-Fi or GPS antenna (option) |
| LED | Power-SYS-LAN-WiFi-3G/4G LED |
| SIM Card slot | Supported 1.8/3.3V SIM card we support SIM card converter meet all size sim card |

Power interface :

| | |
|--------------------------|---|
| Power | |
| Default power | DC 12V/1A power adapter (US, EU etc stander option) |
| Input VDC | 12~28V |
| Power Dissipation | Min: 260mA@12VDC |
| | MAX: 500mA@12VDC |
| | Average: 320mA@12VDC |

Physical property:

| | |
|--------------------------|--|
| Operating | |
| Temperature | Storage Temperature: (-40° C to 75° C) |
| | Operating Temperature: (-40° C to 65° C) |
| Relative Humidity | 95% |
| Size | L*S*H: 98m x61.3mm x 23mm |
| Weight | Net weight:136g |
| | Packing weight:453kg |

Others:

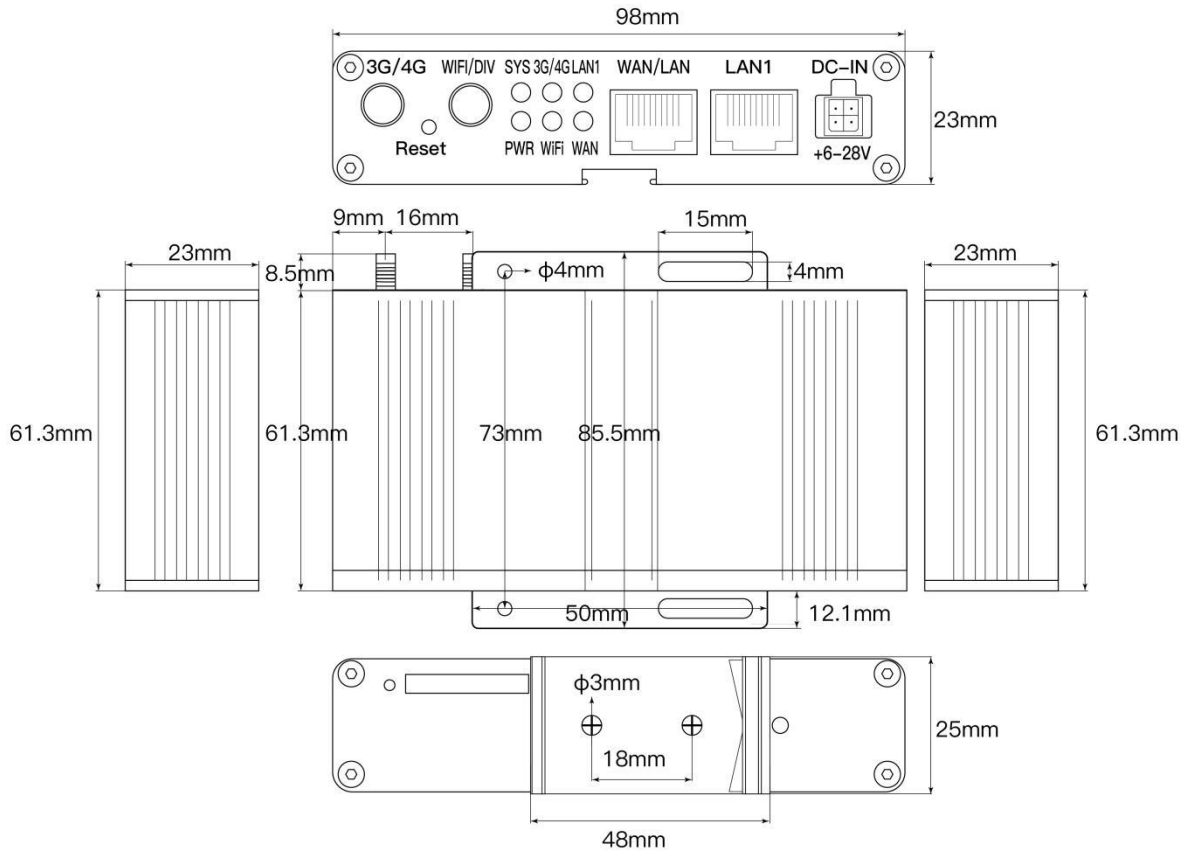
| | |
|-------------------------|---|
| other | |
| Warranty | 2 years |
| MTBF | 17520 hour |
| Package contains | Seriallink Router,1.5m long RJ45 Cable,12V/1A Power Adapter,Antennas User manual(Option choose PDF) ,Warranty card, CERTIFICATION |

Order information:

| Model | LAN | WAN | SIM slot | WIFI/GPS | 4G |
|--------------------------|------------|------------|-----------------|-----------------|-----------|
| SLK-R602-LTE(EU) | 1 | 1 | 1 | 1 | 1 |
| SLK-R602-LTE(EAU) | 1 | 1 | 1 | 1 | 1 |
| SLK-R602-LTE(AM) | 1 | 1 | 1 | 1 | 1 |
| SLK-R602-LTE(LA) | 1 | 1 | 1 | 1 | 1 |

Product size drawing

Unit: mm



Thank you for your support of SERIALLINK products.

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