SLK-R4008 Series

Industrial 4G/3G Router

Specification

DATA: 2015-6-6

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SLK-R4008 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 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, a USB interface 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:

- ✓ LTE Band Support
  - EU Model: 2100/1800/2600/900/800 MHz (B1/B3/B7/B8/B20)
  - US Model: 1900/AWS/850/700/700/1900 MHz (B2/B4/B5/B13/B17/B25)
- ✓ Built-in high speed 4-port Ethernet switch,4x LAN port
- ✓ 1X WAN port
- ✓ Power input supported DC12-28VDC
- ✓ The power and the antenna with lightning protection
- ✓ Support VPN client(PPTP, L2TP)(only for VPN version)
- ✓ Support hardware and software WDT

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Details：

Cellular Interface：

Cellular Interface		
Band Supported	4G/3G/2G Version	•Supported TDD-LTE B38/B39/B40/B41 •Supported FDD-LTE B1/B3/B5/B8 •Supported FDD-LTE B1/ B3/ B5/ B7/ B8/ B20 •Supported FDD-LTE B1/ B2/ B3/ B4/ B5/ B7/ B8/ B28 •Supported TD-SCDMA B34/B39 •Supported WCDMA/HSDPA/HSPA+ B1/B8 •Supported CDMA 1X/EVDO BC0 •Supported GSM/GPRS/EDGE 900/1800 MHz
	EVDO 3G Version	Supported EVDO，CDMA2000 1X
	HSDPA 3G Version	Supported HSUPA/HSDPA/UMTS/EDGE/GPRS/GSM
Theory of Bandwidth	• LTE CAT4- DL：50Mbps, UL：150Mbps • TD-HSDPA/HSUPA-DL：2.2 Mbps, UL：2.8 Mbps • HSPA+-DL：5.76 Mbps, UL：42 Mbps • WCDMA – DL/UL：384Kbps • CDMA2000/EVDO DL：1.8 Mbps, UL：3.1 Mbps	

WIFI Performance：

WIFI supported	
Standards	Supported IEEE 802.11 b/g/n
Frequency	2.4GHz (ISM band supported)
WIFI Rate	300Mbps
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 IPSec，PPTP,L2TP
DHCP	Build-in DHCP (Dynamic Host Configuration Protocol)
Others protocol	Supported PPP,PPOE，DDNS,ICMP,VRRP etc

Hardware ：

Hardware	
CPU	32-bit high performance communication CPU
Flash/RAM	16M/128M
OS	LINUX latest version

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Interface：

Interface	
LAN 口	4 x 10/100M port
WAN 口	1x 10/100M WAN port
USB 口	1x USB2.0 port
SD card	1x SD port
Debug	1x Debug interface （RS232 -RJ45 connector）
Reset	1x Reset
Antennas	1x 3G/4G Antenna(50Ω SMA interface)
	2x WiFi or GPS antenna（option），or can use for 4G MIMO antenna
LED	Power-SYS-LAN-WiFi-3G/4G LED
SIM 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：

Physical property：	
Operating Temperature	Storage Temperature: (-40°C to75°C)
	Operating Temperature: (-40°C to 65°C)
Relative Humidity	95%
Size	L*S*H: 177mm x100.5mm x 29mm
Weight	Net weight:512g
	Packing weight: 975kg

Others：

other	
Warranty	2 years
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 ANT	4GANT
SLK-R4008-LTE	4	1	1	2	2
SLK-R4008-AS	4	1	1	2	2
SLK-R4008-EU	4	1	1	2	2

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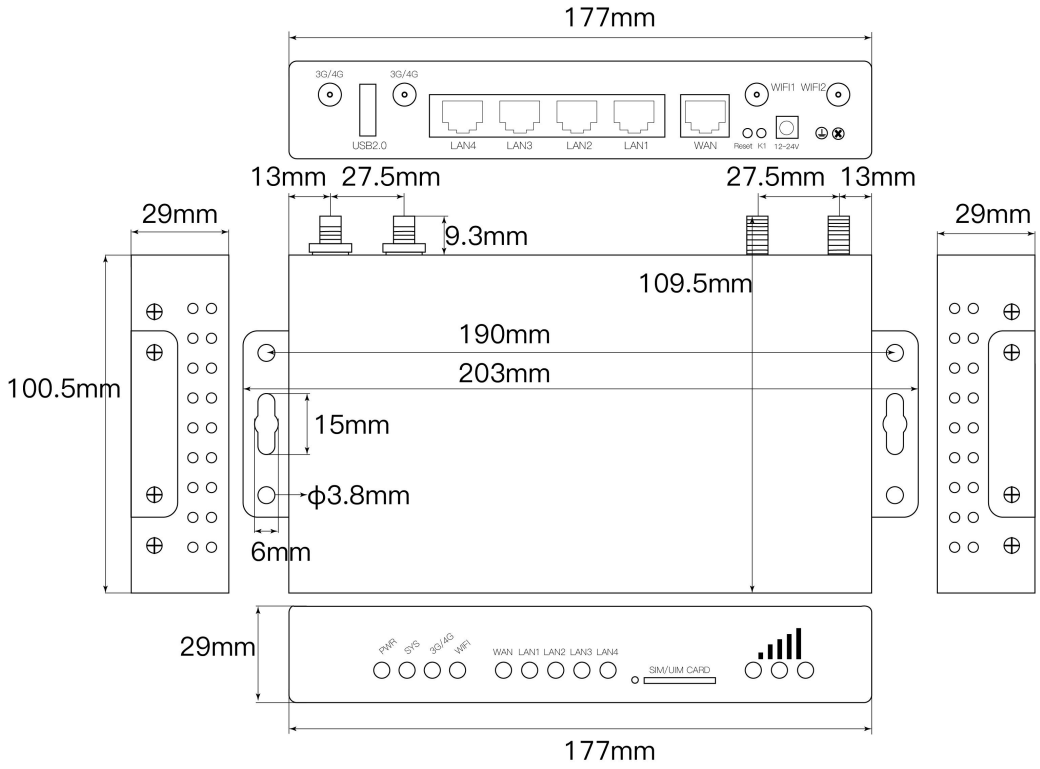
Product size drawing

Unit：mm



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