



MKL-559

LTE Router

MKL-559 is compliant with 802.11b/g/n/a/ac wave-2 specifications and provides three combination data rate as 1200Mbps, 2100Mbps, 2600Mbps and 3000Mbps, it provides multi-functional capabilities, particularly the high performance throughput and high-quality security.

Incorporating Gigabit Ethernet ports and compatible to other wireless (802.11b/g/n/a/ac) networking device, it enables your whole network sharing with LTE.

Features

WiFi

- 2T2R 802.11n 2.4GHz WiFi speed up to max 400Mbps data rate.
- 2T2R+4T4R 802.11ac wave-2 5GHz WiFi speed up to max 867+1733Mbps data rate
- Supports WEB based management and configuration.
- Compatible with IEEE 802.11b/g/n/a/ac wave-2 specifications.
- Supports WEP64/128, WPA, WPA2.
- Supports WPS (Wi-Fi Protected Setup).
- Supports DHCP server to provide clients auto IP addresses assignment and static DHCP functions.
- Supports Gigabit Ethernet (10M/100M/1000M).
- Supports MU-MIMO

LTE

- Supports Frequency Band for LTE FDD/ LTE TDD/ WCDMA/ TD-SCDMA/
- GSM/ CDMA EVDO/ CDMA 1x
- Supports embedded TCP & UDP protocols
- Supports protocols PAP and CHAP used for PPP connection

Specification

| | |
|--|---|
| Model | MKL-559 |
| Product Name | Wave-2 LTE Router |
| Standard | IEEE 802.11ac/b/g/n, IEEE 802.3/802.3u/802.3ab |
| Data Transfer Rate | WiFi: 1200M/2100M/2600M/3000M bps LTE: UL:50Mbps / DL:150Mbps |
| Modulation Method | CCK,DQPSK,DBPSK,BPSK,QPSK,16QAM,64QAM,256QAM |
| Frequency Band | 2.4GHz and 5GHz ISM Band |
| RF Output Power (tolerance ± 2 dBm) | 17dBm – 802.11b@11Mbps 15dBm – 802.11g@54Mbps 13dBm – 802.11gn HT20@MCS7 13dBm – 802.11gn HT40@MCS7 15dBm – 802.11a@54Mbps 13dBm – 802.11an HT20@MCS7 13dBm – 802.11an HT40@MCS7 11dBm – 802.11ac VHT80@MCS9 |
| Receiver Sensitivity | -80dBm – 802.11b@11Mbps -70dBm – 802.11g@54Mbps -68dBm – 802.11gn HT20@MCS7 -66dBm – 802.11gn HT40@MCS7 -70dBm – 802.11a@54Mbps -68dBm – 802.11an HT20@MCS7 -66dBm – 802.11an HT40@MCS7 -54dBm – 802.11ac VHT80@MCS9 |
| Antenna | Internal Antenna |
| LED | WPS, POWER, 2.4G, 5G, WAN, LAN 1~4 |
| Security | WEP64/128, WPA, WPA2 |
| Interface | 5 x 10/100/1000 BaseT with RJ45 port |
| Power supply | DC 12V / 1A, 1.5A, 2A depend on configuration |
| Operating temperature | 0 ~ 40° C ambient temperature |
| Storage temperature | -10 ~ 70°C ambient temperature |
| Humidity | 5 to 90 % maximum (non-condensing) |
| Dimension | 176 (L) * 138 (W) * 60(H) mm |

Specifications are subject to change without notice.



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