MKL-565

LTE Router

MKL-565 is using MT7628DA+MT7613BE of MediaTek solutions with 802.11ac/a/b/g/n wave-2 specifications, up to 1200Mbps data rates, provides multi-functional capabilities, particularly the high performance throughput and high quality security.

Incorporating fast Ethernet ports and compatible to other wireless networking device, it enables your whole network sharing with LTE.

Features

WiFi

- WiFi speed up to 1200Mbps data rate
- Supports WEB based management and configuration
- Compatible with IEEE 802.11ac/a/b/g/n 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 MU-MIMO

LTE

- Supports Frequency Band for LTE FDD/ LTE TDD/ WCDMA/ TD-SCDMA/GSM/ DCS
- Supports USIM/SIM
- Supports protocols: TCP/UDP/PPP/FTP/HTTP/NITZ/CMUX/NDIS/NTP/HTTPS/PING

Specification

Model	MKL-565
Product Name	Wave-2 LTE Router
Standard	IEEE 802.11ac/b/g/n
Data Transfer Rate	WiFi: 1200Mbps 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 ±2dBm)	17dBm – 802.11b@11Mbps 14dBm – 802.11g@54Mbps 13dBm – 802.11n@MCS7 11dBm – 802.11ac@MCS9
Receiver Sensitivity	-87dBm – 802.11b@11Mbps -74dBm – 802.11g@54Mbps -68dBm – 802.11n@MCS7 -59dBm – 802.11ac@MCS9
Antenna	Dipole Antenna x 2 or 4 (Option)
LED	POWER, WAN, LAN 1~2
Security	WEP64/128, WPA-PSK, WPA2-PSK
Interface	3 x 10/100/1000 BaseT with RJ45 port (LAN x 2 + WAN x 1)
Power supply	DC 12V / 1A
Operating temperature	0 ~ 40° C ambient temperature
Storage temperature	-10 ~ 70°C ambient temperature
Humidity	5 to 90 % maximum (non-condensing)
Dimension	110 (L) * 110 (W) * 25(H) mm

Specifications are subject to change without notice.