



KNOT Gateway

A robust outdoor IP66 rated, low-bandwidth gateway that seamlessly connects BLE, LoRa®, or Wi-Fi HaLow™ devices to Ethernet, Wi-Fi, or CAT 1bis LTE mobile network with eSIM support.



• Specifications

Product name	KNOT GW, L14G-2ax-BT5
CPU	Qualcomm IPQ-5010 Dual core 800MHz ARM-64
Sub-GHz connectivity options	Onboard SX1302 Baseband chip for 868MHz LoRa® or Onboard WiFi IEEE 802.11ah HaLow module for 915MHz
BLE	Integrated BLE 5.2
LTE Modem	CAT 1 bis LTE modem (Quectel EG800) 10Mbps DL / 5Mbps UL
SIM slots	Nano SIM, eSIM
GNSS	Integrated Multi-GNSS GPS/ GLONASS/Galileo/ BeiDou receiver
Ethernet	1G Ethernet port with PoE-in and surge protection
Wi-Fi	Single chain 2.4 GHz 802.11b/g/n
Integrated antennas	BLE, Wi-Fi, LTE and GNSS
External antenna	SMA for Sub-GHz RF
Ingress Protection rating	IP66
Powering	PoE-in, DC-in 12-57 VDC

