

LHG LTE kit

The LHG LTE kit is a device for remote locations that are within cellular network coverage. Mount it outdoors, on a pole, mast or any high enough structure, and connect even where cell phones can't. Due to its large sized high gain antenna, the device is capable to connect to cell towers in extreme rural locations, giving you the ability to provide last mile internet access where nothing else is available.

The unit is equipped with one Ethernet port, has a built in high quality Category 4 modem for speeds of up to 150 Mbit/s downlink and 50 Mbit/s uplink.



24 V 0.38 A power adapter



PoE injector



2x metal ring



K-LHG kit



Two versions are available:

RBLHGR&R11e-LTE includes LTE modem that supports International LTE bands 1, 2, 3, 7, 8, 20, 38 and 40.

RBLHGR&R11e-LTE-US includes LTE modem that supports LTE bands 2, 4, 5 and 12, mostly used by mobile operators in United States, Canada and Latin America.

Specifications

Product code	RBLHGR&R11e-LTE	RBLHGR&R11e-LTE-US
CPU	QCA9531 650 MHz	
Size of RAM	64 MB	
Storage	16 MB Flash	
10/100 Ethernet ports	1	
LTE antenna gain	17 dBi	
Antenna beam width	25°	
LTE category	4 (150Mbps Downlink, 50Mbps Uplink)	
3G category	R7 (21Mbps Downlinks, 5.76Mbps Uplink)	R8 (Cat24 - 42.2Mbps Downlink) R7 (Cat14 - 21.1Mbps Downlink)
2G category	Class12	-
SIM slot	1 (Mini SIM)	
PoE in	Yes	
Supported input voltage	12 - 57 V (Passive PoE, 802.3af/at)	
Dimensions	140 x 140 x 103 mm	
Operating temperature	-40°C .. +60°C tested	
License level	3	
Operating System	RouterOS	
Max Power consumption	6 W	

Supported bands

RBLHGR&R11e-LTE	
LTE (FDD) bands	1(2100)/2(1900)/3(1800)/7(2600)/8(900)/20(800)
LTE (TDD) bands	38(2600)/40(2300)
3G bands	1(2100)/2(1900)/5(850)/8(900)
2G bands	2(1900)/3(1800)/5(850)/8(900)

RBLHGR&R11e-LTE-US	
LTE (FDD) bands	2(1900)/4(1700)/5(850)/12(700)
3G bands	2(1900)/5(850)

