

LHG LTE kit / 4G 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



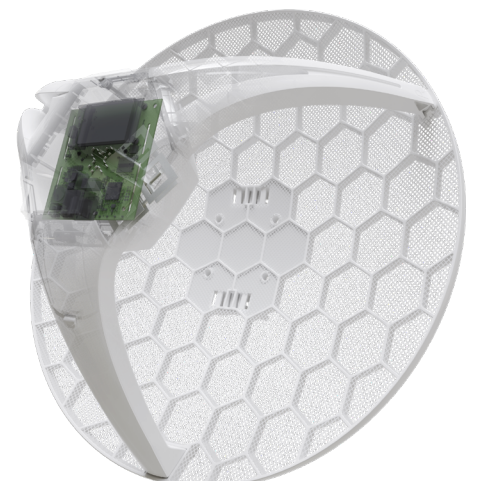
Four versions are available:

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.

LHG 4G kit (RBLHGR&R11e-4G) includes LTE modem that supports LTE bands 3, 7, 20, 31, 41n, 42 and 43.

LHG R (RBLHGR) doesn't include any LTE modem (free miniPCI-e slot) - antenna only version, to be used with custom LTE modem.



Specifications

Product code	RBLHGR	RBLHGR&R11e-LTE	RBLHGR&R11e-LTE-US	RBLHGR&R11e-4G
CPU	QCA9531 650 MHz			
Size of RAM	64 MB			
Storage	16 MB Flash			
10/100 Ethernet ports	1			
LTE antenna gain	21 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	391 x 391 x 227 mm			
Operating temperature	-40°C .. +60°C tested			
License level	3			
Operating System	RouterOS			
Max Power consumption	6 W			

Supported bands

RBLHGR&R11e-LTE-US

LTE (FDD) bands 2(1900)/4(1700)/5(850)/12(700)

3G bands 2(1900)/5(850)

RBLHGR&R11e-4G

LTE (FDD) bands 3/7/20/31 (1800/2600/800/450)

LTE (TDD) bands 41n/42/43 (2500/3500/3700)

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)

