MIKROTIK

LHGG LTE6 kit
(LHGGR&FG621-EA)

An affordable last-mile-internet solution
for the most remote areas.



- HIGH-SPEED INTERNET EVEN WHEN YOUR PHONE HAS NO SIGNAL!
- SPEEDY CAT6 LTE MODEM
- MODERN DUAL-CORE ARM CPU
- GIGABIT ETHERNET WITH POE-IN
- B28 BAND SUPPORT
- LARGE HIGH-GAIN ANTENNA
- GRID ANTENNA DESIGN – PERFECT FOR HARSH, WINDY WEATHER

RELIABLE SPEEDS UP TO **300 Mbps**
IN THE MIDDLE OF NOWHERE!

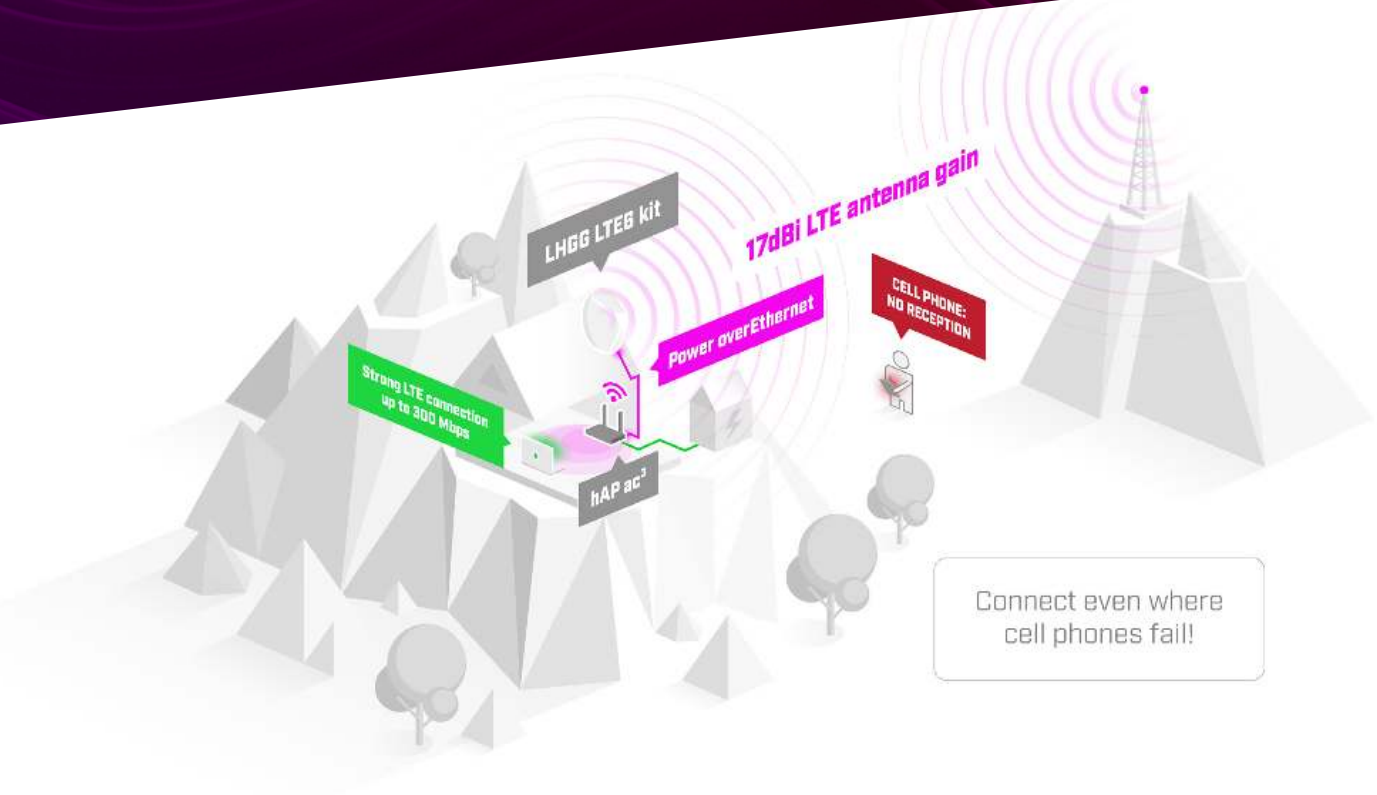
CAT6

NOW WITH
GIGABIT ETHERNET AND
A BRAND NEW CAT6 LTE MODEM
FOR BETTER COVERAGE AND A BETTER PRICE!

When mobile phone reception fails, the LHGG LTE6 kit steps in as your reliable last-mile-internet solution. Its **large 17 dBi antenna** and our latest **Cat6 LTE modem** with the ability to **use multiple LTE bands at the same time** ensure fast and reliable connectivity when all other options fail. Mount it on a pole, a mast, on your roof or any other tall structure – and always stay connected!

This kit is an update that combines the strengths of our previous LHG bestsellers. It has gained **Gigabit Ethernet** – so you can harness the full speed potential of the LTE modem, which has also been upgraded from Cat4 to Cat6! The new LTE modem allows us to drive the price down, boost performance, and offer **further discounts on mobile operator project volume orders!**





The sleek and unobtrusive weatherproof design has proven its resilience across various climate zones, enduring even the harshest winds effortlessly. This translates to significant time and cost savings on maintenance for you or your team.

The mighty high-gain antenna boasts broad support for a versatile range of LTE bands, spanning from 2.7 GHz to 700 MHz. With such extensive coverage, you can expect to capture a signal virtually anywhere across the globe!

Cable networks and phones can no longer limit you. Choose an LHG – and always stay connected!

Specifications

Product code	LHGGR&FG621-EA
CPU	Dual-core 88F3720 800 MHz
CPU architecture	ARM 64bit
Size of RAM	256 MB
RAM type	DDR3L
Storage	16 MB, Flash
Number of 1G Ethernet ports	1
MiniPCIe slots	1
SIM slots	1 Micro SIM
LTE modem	R11eL-FG621-EA
TAC	86335904
LTE Category	6 (300Mbit/s Downlink, 50Mbit/s Uplink)
MIMO DL	2x2
MIMO UL	1x1
LTE FDD bands	1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 7 (2600 MHz) / 8 (900 MHz) / 20 (800 MHz) / 28 (700 MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
3G Category	R8 (42.2Mbps Downlink, 11.2Mbps Uplink)
3G bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 8 (900MHz)
RF connector type	uUFL
Antenna gain	17 dBi
Dimensions	391 x 391 x 227 mm
Operating system	RouterOS v7 only, License level 3
Operating temperature	-40°C to +70°C

Powering

PoE-In	802.3af/at
Supported input Voltage	12-57 V
Max current at Min voltage	0.589 A
Max current at Max voltage	0.143 A
Power adapter nominal voltage	24 V
Power adapter nominal current	0.8 A
Max power consumption without attachments	8 W
Max power consumption	8 W

Included parts



24 V 0.8 A
power adapter



K-LHG
fastening set



PoE injector



2x hose clamps