MIKROTIK

LHGG LTE7 kit

Great distances. Even greater performance.

High-speed Internet even where your phone has no signal – now with CAT7 LTE and doubled upload speeds.



Last mile internet for the best price yet!

Modern dual-core ARM CPU

Fast and responsive LTE Category 7 modem

Gigabit Ethernet with PoE-In

Expanded frequency support (B28 & B32)

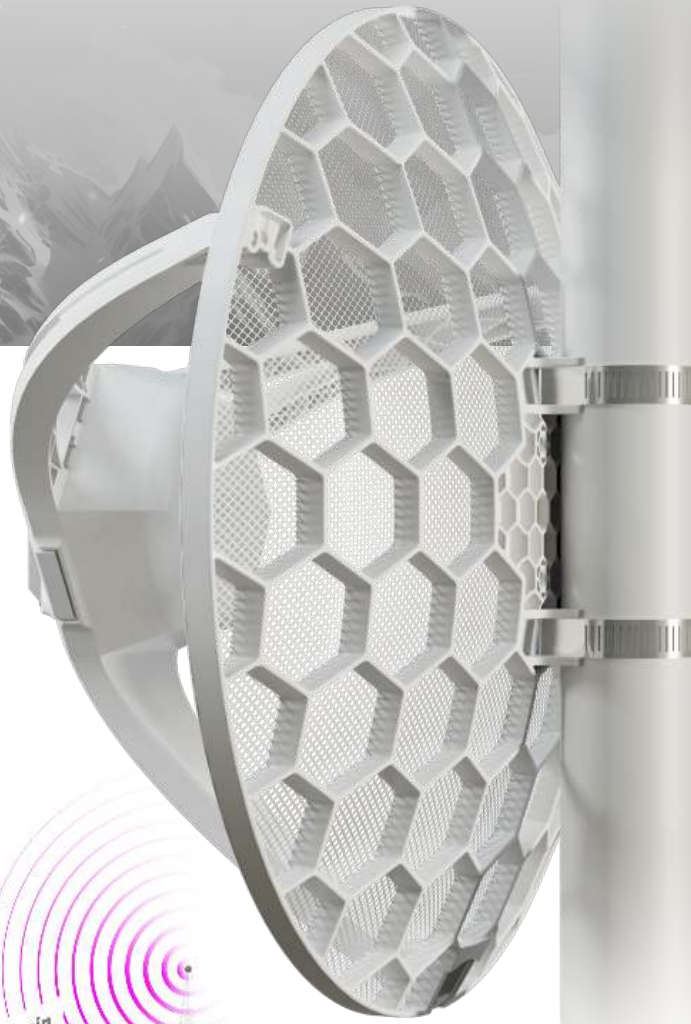
Grid antenna design – perfect for harsh, windy weather

Large high-gain antenna

Wherever life takes you, the signal follows

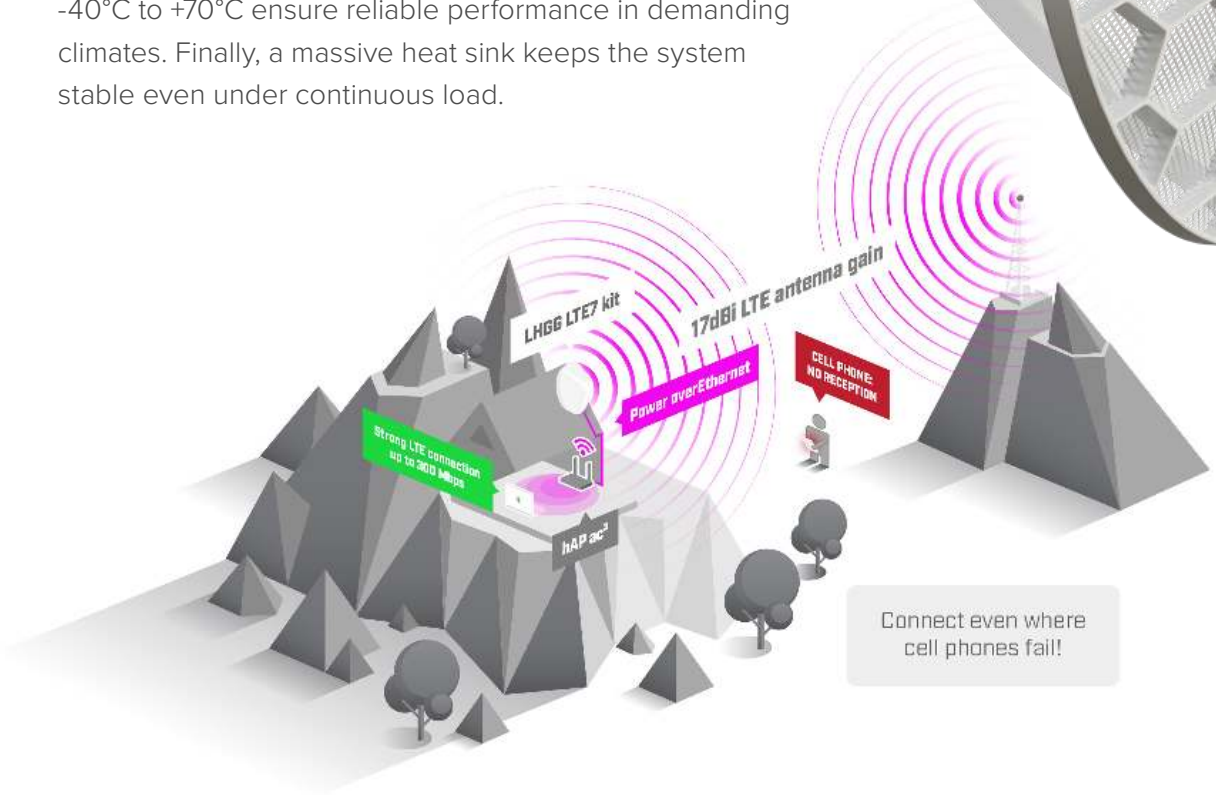
The LHGG LTE7 kit is designed for reliable “last mile” Internet access in remote locations. Mount it outdoors on a pole or mast and **connect even where cell phones fail**. Equipped with a high-gain 17 dBi directional antenna and a CAT7 LTE modem with up to 100 Mbps upload speed, it delivers stronger performance and better responsiveness in rural and high-demand environments. The doubled uplink capacity makes it better suited for video surveillance, VPN, remote work, and multi-user rural deployments.





“Must have been the wind!” – not a problem for LHGG!

The lightweight grid antenna design reduces wind load while maintaining high gain. And it can be mounted in different ways, including poles and masts.
A durable enclosure and operating temperature range from -40°C to +70°C ensure reliable performance in demanding climates. Finally, a massive heat sink keeps the system stable even under continuous load.



Don’t wait for the cable networks to reach you – choose the LHGG LTE7 kit and always stay connected!

Specifications

Product code	LHGGR&R11e-LTE7
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
LTE modem	R11e-LTE7
TAC	35312597
LTE Category	7 (DL: 300 Mbps; UL: 100 Mbps)
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) / 32 (1500 MHz)
LTE TDD bands	38 (2600 MHz) / 40 (2300 MHz) / 41 (2500 MHz)
3G Category	R8 (DL: 42.2 Mbps; UL: 5.76 Mbps)
3G bands	1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 8 (900 MHz)
Dimensions	391 x 391 x 227 mm
Operating system	RouterOS v7, License level 3
Operating temperature	-40°C to +70°C

Powering

DC input	PoE-In
PoE-In input Voltage	12-57 V
Power adapter nominal voltage	24 V
Power adapter nominal current	0.8 A
PoE-in	802.3af/at
Max power consumption	8 W

Included parts



24 V 0.8 A power adapter



Gigabit PoE injector



2x hose clamps



K-LHG fastening set