



## 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

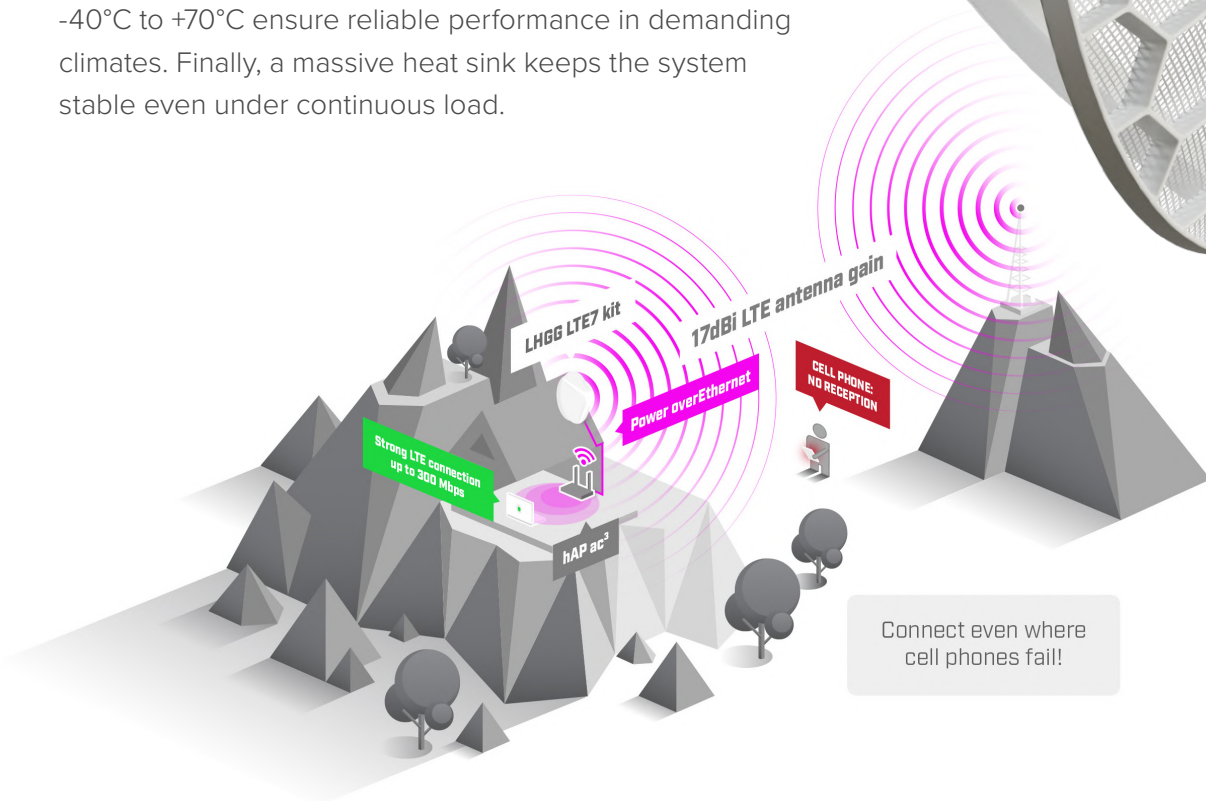
The LHGG LTE7 kit is designed for reliable “last mile” Internet access in remote locations. Mount it outdoors on a pole or mast and **connect even where cell phones fail**. Equipped with a high-gain 17 dBi directional antenna and a CAT7 LTE modem with up to 100 Mbps upload speed, it delivers stronger 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.

Gigabit Ethernet

SIM slot

## “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