



# LHG 5 ax & LHG XL 5 ax:

a rugged outdoor Wi-Fi 6 CPE. Built for distance.  
Priced for everyone.



## WI-FI 6 FOR LONG-RANGE LINKS

Better throughput, less interference, and lower latency over distance



## AVAILABLE IN 24.5 OR 27 dBi VERSIONS

Choose your model based on distance – up to 30 km\*



## WPA3 SECURITY BUILT-IN

Stronger encryption, safer links



## AERODYNAMIC GRID ANTENNA DESIGN

Lightweight and stable in wind, resilient in the snow or rain, perfect for pole or rooftop mounting



## PASSIVE POE POWERING (12–28 V)

Power and data through a single cable, clean and simple



## RouterOS V7 INSIDE

Advanced routing, traffic shaping, and all the networking features you might ever need, with no extra payments!



## INCLUDES ALL MOUNTING HARDWARE

Kit includes PoE injector, adapter, and hose clamps

\*It's important to note that while longer links are feasible, their reliability may vary depending on weather, line of sight, and other variables

Need a fast, stable connection across large distances? Whether you're bridging two buildings, connecting a remote site, or sharing your internet with nearby infrastructure — the new **LHG Wi-Fi 6 series** is built for the challenge. And here's the best part: **we've kept the same pricing as the previous generation**. High performance, long range, and Wi-Fi 6 — all without breaking the budget.



**Two Models. One Mission:**  
**reliable Wi-Fi 6 long-distance links.**



**LHG 5 ax**

A compact, long-range CPE with a 24.5 dBi antenna. Perfect for links up to 20 km in most scenarios.



**LHG 5 ax XL**

Need more distance? Go for the XL model with an extra large 27 dBi antenna — capable of stable point-to-point links **up to 30 km** in ideal conditions.



Gigabit Ethernet with PoE-in  
(less cables to worry about!)



State-of-the-art **antenna built directly into the wireless unit** — no signal loss from extra cabling, and extra durability!



Modern dual-core ARM CPU

## Wi-Fi 6 can be a real game-changer! Here's why:

The 802.11ax standard brings crucial improvements for long-distance wireless links — including better spectral efficiency, higher modulation rates (1024-QAM), and lower latency. That means stronger performance even in noisy environments and faster, more stable connections over a greater distance. Combined with WPA3 encryption and RouterOS v7, the LHG ax series is ready for the challenges of modern outdoor networking. Order yours today — and be ready too!

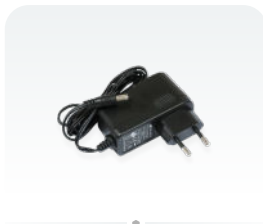
## • Specifications

Product code	LHG-5axD / LHG-5axD-XL
CPU	Dual-Core IPQ-5010 800 MHz
CPU architecture	ARM 64bit
Size of RAM	256 MB
Storage	128 MB NAND
Number of 1G Ethernet ports	1
Wireless interface model	QCN-6102
Wireless	5 GHz 802.11a/n/ac/ax
Antenna gain	LHG 5 ax: 24.5 dBi / LHG XL 5 ax: 27 dBi
Dimensions	LHG 5 ax: 391 x 222 mm / LHG XL 5 ax: 550 x 245 mm
Operating system	RouterOS v7, License level 3
Operating temperature	-40°C to +70°C

## • Powering

DC input	PoE in
PoE-In input Voltage	12-28 V
Power adapter nominal voltage	24 V
Power adapter nominal current	0.38 A
PoE-In	Passive PoE
Max power consumption	5 W

## • Included parts



24 V 0.38 A  
power adapter



K-LHG kit



Gigabit PoE injector



2x hose clamps