

Products

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/ [LHG 5 AC \(/PRODUCT/RBLHGG-5ACD\)](#)

LHG 5 ac Dual chain 24.5dBi 5GHz CPE/Point-to-Point Integrated Antenna with AC support and Gigabit Ethernet

The LHG 5 ac is a compact and light 5GHz 802.11ac wireless device with an integrated dual polarization 24.5 dBi grid antenna at a revolutionary price. It is perfect for point to point links or for use as a CPE at longer distances and supports Nv2 TDMA protocol.

The device includes one 10/100/1000 Mbit Ethernet port to fully utilize speeds that 802.11ac protocol provides.

- LHG 5 ac-US (USA) is factory locked for 5170-5250MHz and 5725-5835MHz frequencies. This lock can not be removed.

- LHG 5 ac (International) supports 5150MHz-5875MHz range (Specific frequency range can be limited by country regulations).

 [Send purchase questions \(mailto:sales@mikrotik.com?subject=Question%20about%20LHG 5 ac\)](mailto:sales@mikrotik.com?subject=Question%20about%20LHG%205%20ac)

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Specifications

Details

Product code	RBLHGG-5acD
Architecture	ARM 32bit
CPU	IPQ-4018
CPU core count	4
CPU nominal frequency	716 MHz
Dimensions	Ø 391 x 222 mm
RouterOS license	3
Operating System	RouterOS (https://wiki.mikrotik.com/wiki/Manual:TOC)



Details

Size of RAM	256 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 100'000 hours at 25C
Tested ambient temperature	-40°C to 70°C
IPsec hardware acceleration	Yes
Suggested price	\$89.00

Powering

Details

Number of DC inputs	1 (PoE-IN)
Max power consumption	8 W
Cooling type	Passive
PoE in	Passive PoE
PoE in input Voltage	10-30 V

Wireless specifications

Details

Wireless 5 GHz Max data rate	867 Mbit/s
Wireless 5 GHz number of chains	2
Wireless 5 GHz standards	802.11a/n/ac
Antenna gain dBi for 5 GHz	24.5
Wireless 5 GHz chip model	IPQ-4018
Wireless 5 GHz generation	Wi-Fi 5

Ethernet

Details



Details

10/100/1000 Ethernet ports 1

Certification & Approvals

Details

Certification CE, FCC, IC, EAC, ROHS

IP IP54

Wireless specifications

5 GHz	Transmit (dBm)	Receive Sensitivity
6MBit/s	25	-96
54MBit/s	21	-80
MCS0	25	-96
MCS7	20	-75
MCS9	18	-70

Included parts



[24V 0.38A power adapter \(https://i.mt.lv/cdn/rb_images/part171391162306m.jpg\)](https://i.mt.lv/cdn/rb_images/part171391162306m.jpg)





[Gigabit PoE injector \(https://i.mt.lv/cdn/rb_images/part111600929333m.jpg\)](https://i.mt.lv/cdn/rb_images/part111600929333m.jpg)



[Metal rings \(two\) \(https://i.mt.lv/cdn/rb_images/part81391162677m.jpg\)](https://i.mt.lv/cdn/rb_images/part81391162677m.jpg)



[K-LHG kit \(https://i.mt.lv/cdn/rb_images/part611632834438m.jpg\)](https://i.mt.lv/cdn/rb_images/part611632834438m.jpg)

The device has an operating system preinstalled and licensed. No separate purchase is necessary and the product is ready to use. The device includes free software updates for the life of the product or a minimum of 5 years starting from date of purchase..

Related products



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[LHG mount \(/product/lhg_mount\)](/product/lhg_mount)

\$15



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\$29





[\(/product/QMP-LHG\)](/product/QMP-LHG)

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\$9.5

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