

Metal 52 ac

The Metal is a completely waterproof and rugged outdoor wireless device with a super high output power.

Now with 802.11ac support, a Gigabit Ethernet port and a selectable wireless band (2.4 GHz or 5 GHz, up to 80 MHz wide channel). The new Gigabit port will help you utilize the full benefit of 802.11ac high speed wireless.

The Metal 52 ac supports 2.4 GHz, 5 GHz and all the legacy wireless modes as well (802.11 b/g/n for 2.4 GHz and 802.11 ac/n/a for 5 GHz).



Fully sealed, industrial design metal case, powered by RouterBOARD and RouterOS. The Metal comes with an AP software license, so you can attach your favorite antenna to use it as an AP, to make wireless point-to-point links or as a CPE - whatever you prefer!

The Metal 52 ac includes a Dual Band 2.4/5 GHz Omni directional antenna (6 dBi 2.4 GHz, 8 dBi 5 GHz), so you can use the unit right out of the box, or use your own antenna.

Wireless specifications

5 GHz		
RATE	Tx (dBm)	Rx (dBm)
1MBit/s	31	-97
11MBit/s	31	-91
6MBit/s	31	-93
54MBit/s	28	-77
MCS0	31	-93
MCS7	27	-72

2.4 GHz		
RATE	Tx (dBm)	Rx (dBm)
6MBit/s	31	-93
54MBit/s	27	-78
MCS0	30	-93
MCS7	26	-74
MCS9	22	-69

Specification

Product code	RBMetalG-52SHPacn (International) RBMetalG-52SHPacn-US (USA)			
CPU	QCA9556			
CPU nominal frequency	720 MHz			
Size of RAM	64 MB			
Memory type	Flash			
Memory size	16 MB			
10/100/1000 Ethernet ports	1			
Wireless	5 GHz	2.4 GHz		
Wireless regulations	Specific frequency range can be limited by country regulations			
Operating frequency	International	5150 - 5875 MHz	International	2412 - 2484 MHz
	USA	5170 - 5250 MHz 5725 - 5835 MHz	USA	2412 - 2462 MHz
Protocols	802.11a/n/ac		802.11b/g/n	
Chains	Single-chain			
Wireless chip	QCA9889			
PoE in	Yes			
Supported input voltage	10 - 30 V			
PCB temperature monitor	Yes			
Voltage monitor	Yes			
Dimensions	215 x 60 x 38 mm			
Operating temperature	-40°C .. +70°C tested			
License level	4			
Operating System	RouterOS			
Max power consumption	11 W			
Weight	Package: 778 g; Unit: 300 g			



Included



24 V 0.8 A power adapter



Gigabit PoE injector



Angled N connector



2x Metal rings



Dual Band
2.4/5 GHz (6 dBi)
2.4 GHz, 8 dBi
5 GHz)