hAP ac²

The hAP ac² is a Dual-concurrent Access Point, that provides Wifi coverage for 2.4 GHz and 5 GHz frequencies at the same time. Five 10/100/1000 Ethernet ports provide Gigabit connections for your wired devices, and USB can be used for external storage or 4G/LTE modem. Also IPsec Hardware encryption and dude server package are supported.

New design universal case allows unit to be positioned either horizontally (desktop) or vertically (tower case). Wall anchored mounting kit is provided.



- Dual chain wireless 2.4 GHz
- Dual chain wireless 5 GHz
- 4 core 716 MHz CPU
- 128 MB of RAM
- Five x 10/100/1000 Mbps Ethernet ports
- USB port for 3G/4G modem
- IPsec Hardware encryption



The hAP ac² can be powered from the power jack or with passive PoE from a PoE injector. The power adapter is included.

The hAP ac² is preconfigured, so all you need to do, is plug in the Internet cable, the power, and start using the internet by connecting to the MikroTik network.





Can be attached to the wall.



K-47 wall mount set



24 V 0.8 A power adapter

Specifications

Product code	RBD52G-5HacD2HnD-TC (International) RBD52G-5HacD2HnD-TC-US (USA)			
CPU	IPQ-4018 716 MHz			
CPU core count	4			
Size of RAM	128 MB			
Storage type	Flash			
Storage size	16 MB			
10/100/1000 Ethernet ports	5			
Wireless bands	5 GHz radio		2.4 GHz radio	
Wireless regulations	Specific frequency range may 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	Dual-chain		Dual-chain	
Antenna gain	2.5 dBi		2.5 dBi	
Wireless chip model	IPQ-4018		IPQ-4018	
Antenna beam width	360°			
PoE in	Yes (18 - 28 V)			
Supported input voltage	12 V - 30 V (Jack or Passive PoE)			
Operating temperature	-40°C .. +50°C			
Extras	USB 2.0 Type A full size port, 1 A			
Dimensions	34 x 119 x 98mm			
License level	4			
Operating System	RouterOS			
Max Power consumption	15 W			

Wireless specifications

RATE (2.4 GHz)	Tx (dBm)	Rx (dBm)
1MBit/s	27	-100
11MBit/s	27	-94
6MBit/s	27	-96
54MBit/s	24	-78
MCS0	27	-96
MCS7	23	-73

RATE (5 GHz)	Tx (dBm)	Rx (dBm)
6MBit/s	26	-96
54MBit/s	22	-80
MCS0	26	-96
MCS7	21	-75
MCS9	19	-70