cAP ax

The best-selling ceiling access point is back — stronger than ever!

A new generation of wireless greatness for your office,
hotel, mall, or any other setups in crowded areas.

FAST AND RELIABLE
802.11AX WIRELESS

MODERN QUAD-CORE
1.8 GHZ CPU

2X GIGABIT ETHERNET PORTS

POE-IN & POE-OUT TO POWER OTHER
DEVICES (LIKE CCTV CAMERAS!)

1GB OF RAM

ROUTEROS V7

MULTIPLE POWERING
OPTIONS

REMAINS HIDDEN IN
PLAIN SIGHT

MANAGE HUNDREDS OF
DEVICES EASILY WITH CAPsMAN
MANAGEMENT SYSTEM!

GEN
6

802.11ax
Wireless

When it comes to wireless network in the office, **you can't afford to cut corners and risk inhibiting your team's performance**. You need excellent coverage throughout the premises. You need a device that can handle a large number of clients. **You need a reliable, flexible, cost-effective solution: the cAP ax!**

Both open office and cubicle layouts usually encounter a variety of network issues: signal gets absorbed, reflected, it becomes unstable. Mirrors, tinted glass, TVs, metal file cabinets – all sorts of things can get in the way. Our solution is simple, effective, and elegant: let your access point rise above all the obstacles! In other words, **a ceiling access point is a great way to prevent signal loss in large, crowded areas with many obstacles**.

There is another benefit to this form-factor: cAP ax **remains hidden in plain sight**, attracting **less unwanted attention** than a smoke sensor. Your clients, guests, or colleagues won't even notice it. But they will definitely notice the blazing-fast wireless connection!

With the Generation6 802.11ax wireless standard, we're looking at up to **40% higher speed in the 5 GHz** and **up to 90% higher speed in the 2.4 GHz spectrum**, if we compare it to the previous generations! But what's more important than speed is the stability. Our latest AX devices can withstand and navigate even the toughest wireless interference scenarios, offering **the most stable and uninterrupted signal** to date!
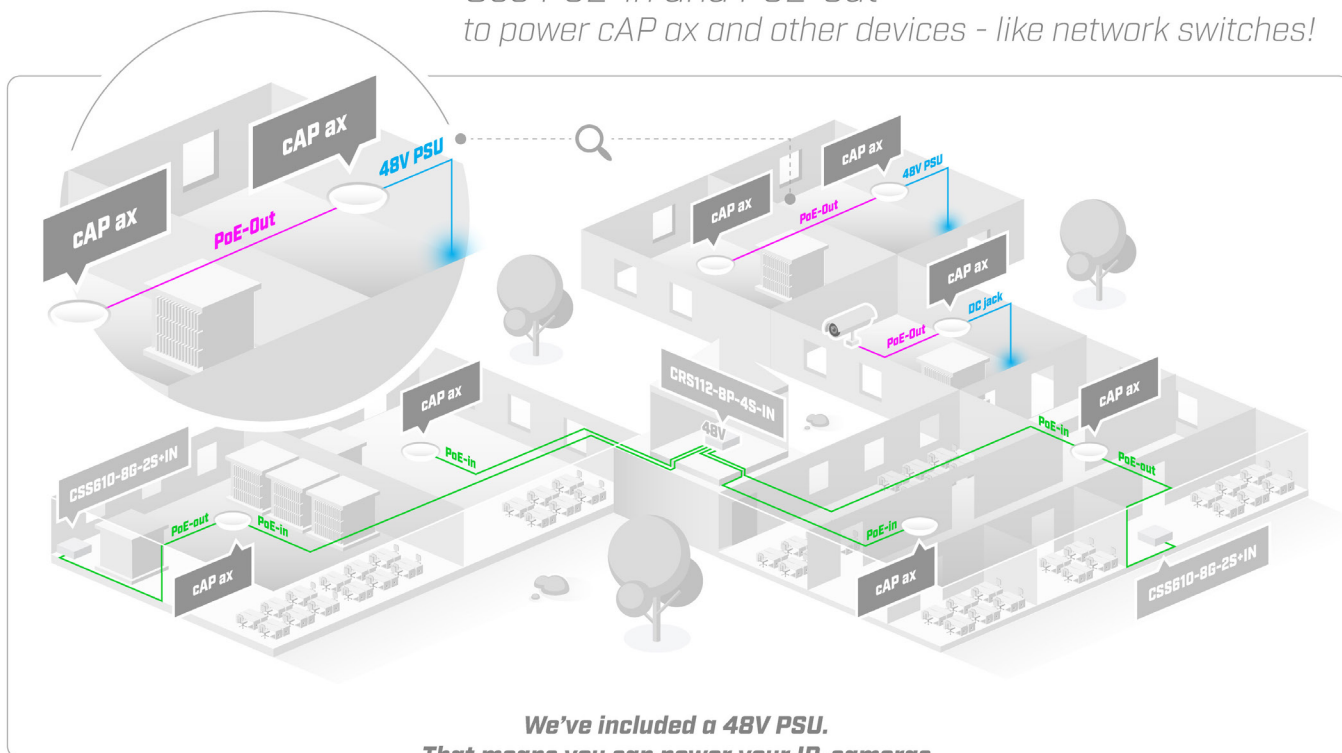
cAP ax features a modern quad-core CPU running at 1.8 GHz, NAND storage, and a gigabyte of RAM. Enough to harvest the full potential of the most powerful networking software on the market – RouterOS v7! Complex firewall rules, IPsec hardware encryption, Wireguard, BGP, advanced routing, or multiple remote work VPN tunnels – cAP ax can do it all!

Compared to the previous generation, cAP ax offers multiple enhanced authentication types: OWE, WPA3-PSK, WPA3-EAP, and 802.11r roaming.
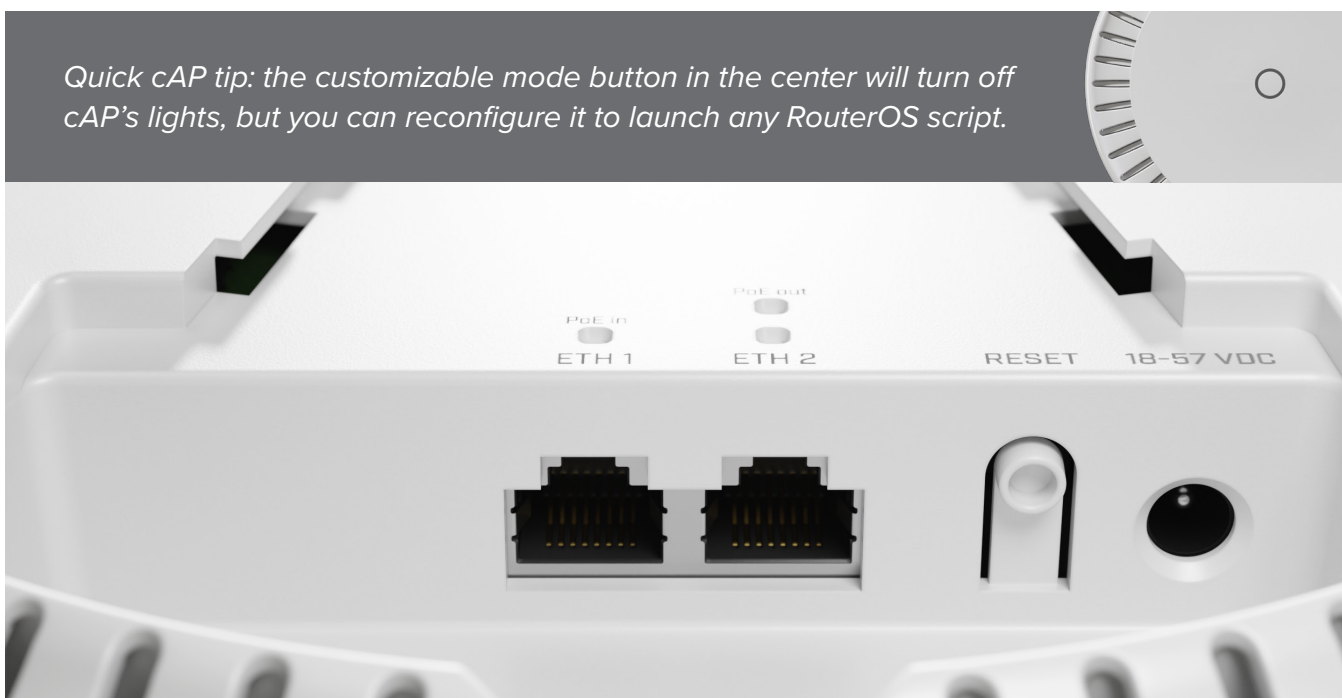
cAP ax is also a great way to make your office network installation and maintenance so much easier, as it features **PoE-in and PoE-out**. That's right – you can **use cAP ax to power other devices**, such as network switches, CCTV cameras, or even another cAP ax! And, speaking of easy office networks... **Just a few clicks** in our latest **wifiwave2 CAPsMAN central management system** - and you're done setting up **hundreds of cAP ax devices**! You can use all sorts of MikroTik devices to run CAPsMAN effortlessly, for example - your main gateway.

Use PoE-in and PoE-out
to power cAP ax and other devices - like network switches!

**We've included a 48V PSU.
That means you can power your IP-cameras
or another cAP ax right out of the box!**

Quick cAP tip: the customizable mode button in the center will turn off cAP's lights, but you can reconfigure it to launch any RouterOS script.

Specifications

Product code	cAPGi-5HaxD2HaxD
CPU	Quad core IPQ-6010 1.8 GHz
Size of RAM	1 GB
RAM type	DDR3L
Storage	128 MB, NAND
Number of 1G Ethernet ports	2
Wireless interface model	QCN-5022 (2.4 GHz), QCN-5052 (5 GHz)
Wireless	2.4 GHz 802.11b/g/n/ax dual-chain, 5 GHz 802.11a/n/ac/ax dual-chain
Antenna gain	5.5 dBi
Operating system	RouterOS v7, License level 4
Switch chip model	IPQ-6010
Dimensions	228 x 48 mm
Operating temperature	-40°C to +70°C tested

Powering

PoE-in	802.3af/at
PoE-Out	Passive PoE up to 57V (<30v DC jack must be used, >30V PoE-In and DC jack can be used)
PoE-Out ports	Ether2, max out per port output (input < 30 V): 600 mA, max out per port output (input > 30 V): 400 mA. Over 300 mA current, please use DC jack for powering device.
Number of DC inputs	2
Supported input voltage	18-57 V (DC jack) 18-57 (PoE-In)
Max power consumption (without attachments)	9 W
Max power consumption	28,2 W

Included parts

48 V 0.95 A power adapter	Gigabit PoE injector	Ceiling mount	Mounting bracket	Fastening set