MikroTik

cAP XL ac

The ceiling AP on steroids!

Our bestseller cAP is back – juiced up and stronger than ever. Compared to the previous cAP models, the improved high-gain antenna increases the covered area by up to 100%!



Dual-band, dual-chain

Gigabit Ethernet

Improved high-gain antenna

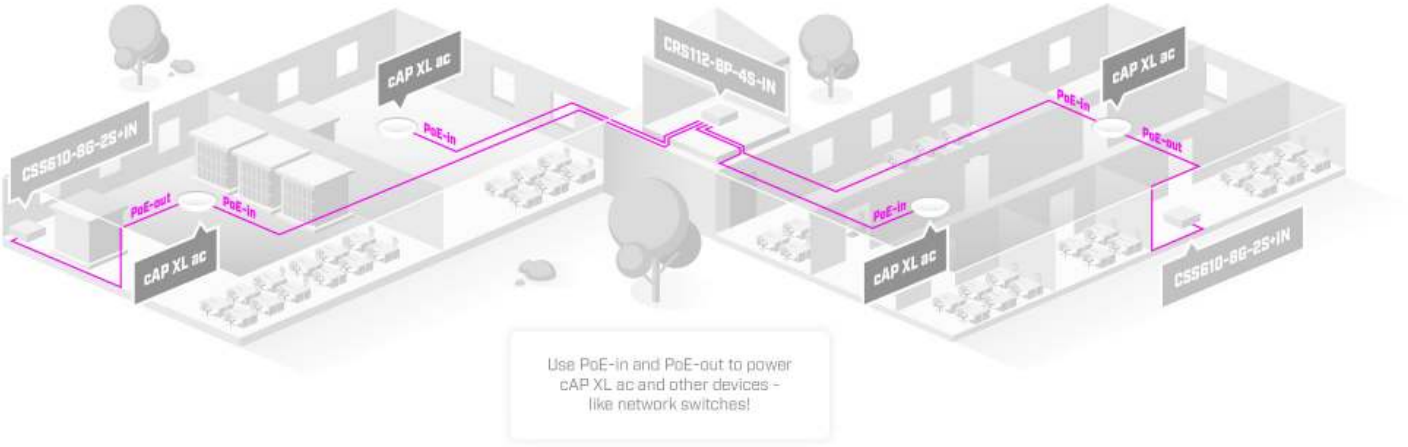
PoE-in, PoE-out

Inconspicuous and compact

Need a nice-looking access point that won't get in your way? Or perhaps you're managing the network in a crowded place and don't want everyone to have physical access to the device? Either way – ceiling is the answer! The "XL" in the name is only referring to the antenna within – the new cAP is a pretty compact device that attracts less 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 all across the premises.



The new design features a larger high-gain antenna, higher sensitivity, and a built-in reflector. These improvements allow increasing the covered area by up to 100%, compared to the previous cAP models!



The dual-band, dual-chain 2.4 and 5 GHz wireless radio provides a strong coverage in 360 degrees around it, so you don't have to worry about the placement of the device so much. Putting it on the ceiling eliminates many signal absorption problems, such as the signal being blocked by large TV sets, metal cubicle walls in open space offices, etc.

Even though the radio supports repeater mode, the two Gigabit Ethernet ports give you the ability to extend your network with cables, even if PoE power is required: the cAP XL ac supports 802.3af/at PoE input on the first port and passive PoE output (up to 57V) on the second port.

Quick cAP tip: the customizable mode button in the center will turn off all lights and sounds, but can be reconfigured to launch any RouterOS script.

Specifications

Product code	RBcAPGi-5acD2nD-XL	
CPU	Quad core IPQ-4018 710 MHz	
Size of RAM	128 MB	
RAM type	DDR3L	
Storage	16 MB, Flash	
Number of 1G Ethernet ports	2	
Wireless	2.4 GHz	5 GHz
Supported protocol	802.11b/g/n	802.11a/n/ac
Antenna gain	6 dBi	5,5 dBi
Number of chains	2	
Operating system	RouterOS (License level 4)	
Switch chip model	IPQ-4018	
Dimensions	191 x 42 mm	
Operating temperature	-40°C to +70°C tested	

Powering

PoE-in	802.3af/at
PoE-out	Passive PoE up to 57V
Smart PoE	Injector
Number of DC inputs	1
PoE-out ports	Ether2
Supported input voltage	18-57 V
Power adapter nominal voltage	24 V
Power adapter nominal current	1.2 A
Max power consumption (without attachments)	11 W
Max power consumption	24 W

Certification & Approvals

Certification	CE, FCC, IC

Wireless specifications

Rate (2.4 GHz)	Tx (dBm)	Receive Sensitivity
1MBit/s	26	-100
11MBit/s	26	-94
6MBit/s	26	-96
54MBit/s	23	-78
MCS0	26	-96
MCS7	22	-73

Rate (5 GHz)	Tx (dBm)	Receive Sensitivity
6MBit/s	26	-96
54MBit/s	21	-80
MCS0	26	-96
MCS7	20	-75
MCS9	18	-70

Included parts



24 V 1.2 A
power adapter



Gigabit
PoE injector



Ceiling mount



Fastening
set