

## wAP ac

The wAP ac is a small weatherproof wireless access point for your mobile devices, perfect for installation outside your house, in the garden, on your porch or anywhere else where you need wireless access from your phone or computer.

The device has one Gigabit Ethernet port, it supports 802.11ac technology and can work at both the 2.4GHz and 5GHz frequencies simultaneously. It looks unobtrusive and sleek, available in two colours - black (RBwAPG-5HacT2HnD-BE) and white (RBwAPG-5HacT2HnD).

The wAP ac is weatherproof and can be fixed to any external wall from the inside of the case - so that it is securely attached to its mounting location. The bottom door can also be secured with a special screw, which can only be opened by the owner.

It is also possible to run the Ethernet cable directly behind the unit, to inside the wall, as there is a special opening on the back of the case. This way, the unit doesn't attract attention and blends into any environment.



### Included



24V 0.8A  
Power adapter



Screw kit



Gigabit PoE  
injector



2x plastic straps



Ceiling mount  
base

## Specifications

|                            |                                                                                                                                                                  |                                    |               |                 |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|-----------------|
| Product code               | RBwAPG-5HacT2HnD (white, international)<br>RBwAPG-5HacT2HnD-BE (black, international)<br>RBwAPG-5HacT2HnD-US (white, USA)<br>RBwAPG-5HacT2HnD-BE-US (black, USA) |                                    |               |                 |
| CPU nominal frequency      | 720 MHz                                                                                                                                                          |                                    |               |                 |
| Size of RAM                | 64 MB                                                                                                                                                            |                                    |               |                 |
| Storage type               | Flash                                                                                                                                                            |                                    |               |                 |
| Flash size                 | 16 MB                                                                                                                                                            |                                    |               |                 |
| 10/100/1000 Ethernet ports | 1                                                                                                                                                                |                                    |               |                 |
| Wireless                   | 5 GHz                                                                                                                                                            |                                    | 2.4 GHz       |                 |
| Operating frequency        | International                                                                                                                                                    | 5150 - 5875 MHz                    | International | 2412 - 2484 MHz |
|                            | USA                                                                                                                                                              | 5170 - 5250 MHz<br>5725 - 5835 MHz | USA           | 2412 - 2462 MHz |
| Protocols                  | 802.11a/n/ac                                                                                                                                                     |                                    | 802.11b/g/n   |                 |
| Chains                     | Triple-chain                                                                                                                                                     |                                    | Dual-chain    |                 |
| Wireless chip model        | QCA9880                                                                                                                                                          |                                    | QCA9556       |                 |
| Antenna gain               | 2 dBi                                                                                                                                                            |                                    | 2 dBi         |                 |
| Antenna beam width         | 360°                                                                                                                                                             |                                    |               |                 |
| PoE in                     | Yes                                                                                                                                                              |                                    |               |                 |
| Supported input voltage    | 11 V - 57 V (802.3af/at with shielding not connected to GND pins, passive PoE)                                                                                   |                                    |               |                 |
| Dimensions                 | 185 x 85 x 30 mm                                                                                                                                                 |                                    |               |                 |
| License level              | 4                                                                                                                                                                |                                    |               |                 |
| Operating System           | RouterOS                                                                                                                                                         |                                    |               |                 |
| Max Power consumption      | 12 W                                                                                                                                                             |                                    |               |                 |

## Wireless specifications

| 2.4 GHz  | Tx (dBm) | Rx (dBm) |
|----------|----------|----------|
| 1MBit/s  | 25       | -95      |
| 11MBit/s | 25       | -90      |
| 6MBit/s  | 25       | -95      |
| 54MBit/s | 23       | -80      |
| MCS0     | 25       | -95      |
| MCS7     | 22       | -74      |

| 5GHz     | Tx (dBm) | Rx (dBm) |
|----------|----------|----------|
| 6MBit/s  | 25       | -96      |
| 54MBit/s | 25       | -81      |
| MCS0     | 25       | -96      |
| MCS7     | 24       | -77      |
| MCS9     | 23       | -72      |



### Use it on the ceiling!

The wAP comes bundled with all the necessary things to be mounted on a ceiling. Cable breakout provides ability to run the cable through the ceiling.

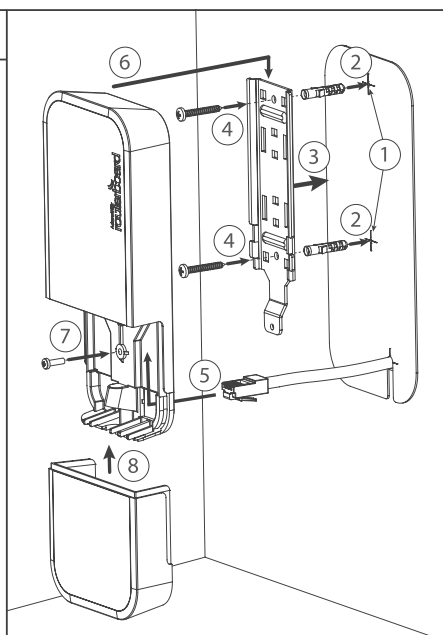


### Use it on the wall!

Wall mounting is easy thanks to the provided drill template and mounting screws. Everything included.

## WALL

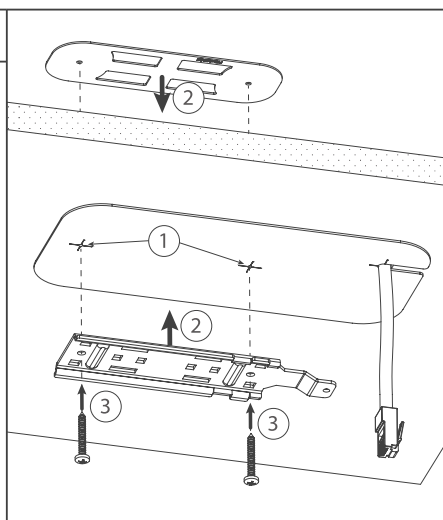
1. Use template to mark drilling holes.
2. Plug plastic anchors in drilled holes.
- 3.-4. Fix steel bracket.
5. Pull through ETH cable.
6. Mount the product to steel bracket.
7. Lock enclosure.
8. Close cover.



## CEILING

1. Use template to mark drilling holes.
2. Place both brackets in appropriate place.
3. Fix steel brackets to dropdown ceiling panel.

Proceed to step 5 in WALL instruction.



## MAST/POLE

1. Mount plastic tie straps to steel bracket (holes B).
2. Fix steel bracket to enclosure.
3. Lock enclosure.
4. Fix product to mast/pole.
5. Plug in ETH connector.
6. Close cover.

\* Use electrical tape to avoid from product slipping.

