

# hAP ac lite

The hAP ac lite is a Dual-concurrent Access Point, that provides Wifi coverage for 2.4GHz and 5GHz frequencies at the same time.

The device is very small and will look good in any home or office, wall mounting anchor holes are provided.

- Dual chain wireless 2.4GHz
- Single chain wireless 5GHz
- 650MHz CPU
- 64MB of RAM
- Five x 10/100Mbps Ethernet ports
- Passive PoE output on port 5
- USB port for 3G/4G modem



24V 1.2A Power adapter



The hAP ac lite can be powered from the power jack or with passive PoE from a PoE injector. The power adapter is included. Unit provides PoE output function for port 5 - it can power other PoE capable devices with the same voltage as applied to the unit. Maximum load on the port is 500mA.

The hAP ac lite 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.

## Specifications

|                         |   |                                    |               |                 |
|-------------------------|---|------------------------------------|---------------|-----------------|
| Product code            | RB952Ui-5ac2nD (International)<br>RB952Ui-5ac2nD-US (USA) |                                    |               |                 |
| CPU nominal frequency   | 650 MHz   |                                    |               |                 |
| CPU core count          | 1   |                                    |               |                 |
| Size of RAM             | 64 MB   |                                    |               |                 |
| Storage type            | Flash   |                                    |               |                 |
| Storage size            | 16 MB   |                                    |               |                 |
| 10/100 Ethernet ports   | 5   |                                    |               |                 |
| Wireless bands          | 5 GHz radio   |                                    | 2.4 GHz radio |                 |
| Operating frequency     | International   | 5150 - 5875 MHz                    | International | 2412 - 2484 MHz |
|                         | USA   | 5150 - 5250 MHz<br>5725 - 5850 MHz | USA           | 2412 - 2462 MHz |
| Protocols               | 802.11a/n/ac  |                                    | 802.11b/g/n   |                 |
| Chains                  | Single-chain  |                                    | Dual-chain    |                 |
| Antenna gain            | 2 dBi   |                                    | 1.5 dBi       |                 |
| Wireless chip model     | QCA9887   |                                    | QCA9531       |                 |
| Antenna beam width      | 360°  |                                    |               |                 |
| PoE in                  | Yes   |                                    |               |                 |
| PoE out                 | Yes (Ether5), 0,5 A                                       |                                    |               |                 |
| Supported input voltage | 8 V - 30 V (Jack or Passive PoE)                          |                                    |               |                 |
| Extras                  | USB 2.0 Type A full size port, 1 A                        |                                    |               |                 |
| Dimensions              | 113 x 89 x 28mm   |                                    |               |                 |
| License level           | 4   |                                    |               |                 |
| Operating System        | RouterOS  |                                    |               |                 |
| CPU                     | QCA9531   |                                    |               |                 |
| Max Power consumption   | 7 W   |                                    |               |                 |

## Wireless specifications

| RATE (2.4 GHz) | Tx (dBm) | Rx (dBm) | RATE (5 GHz) | Tx (dBm) | Rx (dBm) |
|----------------|----------|----------|--------------|----------|----------|
| 1MBit/s        | 22       | -96      | 6MBit/s      | 23       | -93      |
| 11MBit/s       | 22       | -89      | 54MBit/s     | 20       | -75      |
| 6MBit/s        | 20       | -93      | MCS0         | 23       | -93      |
| 54MBit/s       | 18       | -74      | MCS7         | 19       | -71      |
| MCS0           | 20       | -93      | MCS9         | 16       | -63      |
| MCS7           | 16       | -71      |              |          |          |