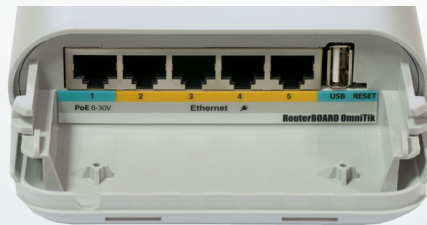


OmniTik

OmniTik is a weatherproof outdoor AP with dual-polarized omni antennas - the perfect companion for our SXT, or for any other 5GHz 802.11a/n standard device. Weatherproof, durable and ready to use. It has five 10/100 Ethernet ports, PoE support and a built-in 1000mW 802.11a/n wireless radio. It supports Nv2 TDMA technology with up to 200Mbit aggregate throughput.

LED signal indicators on it's back are fully customizable, show Ethernet activity or wireless signal - or any other information from RouterOS. The USB port gives the ability to connect a 3G modem or a storage drive.

The OmniTik UPA also features power output on it's ethernet ports. Ports 2-5 can power other PoE capable devices with the same voltage as applied to the unit. Less power adapters to worry about.



24V 0.38A Adapter



24V 2.5A Adapter



Mounting bracket



Metal ring



PoE injector

| Model | OmniTik U-5HnD | OmniTik UPA-5HnD |
|------------------|---|------------------------------------|
| CPU | Atheros AR9344 600MHz network processor | |
| Memory | 64MB DDR2 onboard memory | 128MB DDR2 onboard memory |
| Ethernet | Five 10/100 Mbit/s Fast Ethernet port with Auto-MDI/X, L2MTU up to 2030 | |
| Wireless | Wireless Built-in 5GHz 802.11a/n 2x2 MIMO | |
| Antenna | Two 7.5dBi (+/-1dBi) omni with different polarities (ch0 horizontal, ch1 vertical) | |
| Extras | Reset switch, Beeper, USB 2.0 port, Voltage monitor, Temperature monitor | |
| LEDs | 5 programmable LEDs (Ethernetactivity by default), one power LED | |
| Power input | Passive 11-30V PoE in only. 16KV ESD protection on RF port | |
| Dimensions | 177x44x44mm | |
| Operating temp. | -40°C .. +70°C tested | |
| Operating system | MikroTik RouterOS, Level 4 license | MikroTik RouterOS, Level 5 license |
| Package contains | OmniTik unit, mounting bracket, hose clamp, PoE injector, 24V 0.8A PSU (U-5HnD), 24V 2.5A PSU (UPA-5HnD), | |
| | OmniTik UPA-5HnD | |
| Power Output | Supports PoE output on ports 2-5. Max current 1A per port, 2A total | |

| | |
|----------------|--|
| RX sensitivity | 802.11a: -96 dBm @ 6Mbps to -78 dBm @ 54 Mbps 802.11n: -96 dBm @ MCS0 to -75 dBm @ MCS7 |
| TX power | 802.11a: 30dBm @ 6Mbps to 27dBm @ 54 Mbps 802.11n: 30dBm @ MCS0 to 26dBm @ MCS7 |
| Modulations | OFDM: BPSK, QPSK, 16 QAM, 64QAM DSSS: DBPSK, DQPSK, CCK |