

OmniTIK UPA-5HnD



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 400mW 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 customisable, 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.

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| CPU | Atheros AR7241 400MHz network processor |
| Memory | 32MB DDR SDRAM onboard memory |
| Boot loader | RouterBOOT |
| Data storage | 64MB onboard NAND memory chip |
| Ethernet | Five 10/100 Mbit/s Fast Ethernet port with Auto-MDI/X, L2MTU frame size 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 options | Passive 9-30V PoE only. 16KV ESD protection on RF port |
| Power output | Supports PoE output on ports 2-5. Max current 500mA per port |
| Dimensions | 177x44x44mm, 518g |
| Operating temp. | -30C to +70C |
| Operating system | MikroTik RouterOS v5, Level4 license |
| Package contains | OmniTIK unit, mounting bracket, hose clamp, PoE injector, 24V 2.5A power adapter |

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| RX sensitivity | 802.11a: -96 dBm @ 6Mbps to -80 dBm @ 54 Mbps 802.11n: -96 dBm @ MCS0 to -77 dBm @ MCS7 |
| TX power | 802.11a: 26dBm @ 6Mbps to 22dBm @ 54 Mbps 802.11n: 25dBm @ MCS0 to 19dBm @ MCS7 |
| Modulations | OFDM: BPSK, QPSK, 16 QAM, 64QAM DSSS: DBPSK, DQPSK, CCK |