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 powerfull 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	
Wireless regulations	Specific frequency range may be limited by country regulations	
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