





24V 0.8A Adapter



24V 2.5A Adapter



Mounting bracket



Metal ring



PoE injector

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.

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