



# OmniTIK U-5HnD

The perfect outdoor AP

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.

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 polarization)
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
Dimensions	177x44x44mm, 518g
Operating temperature	-30C to +70C
Operating system	MikroTik RouterOS v5, Level4 license
Package contains	OmniTIK unit, mounting bracket, hose clamp, PoE injector, 24V power adapter

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