

# SXT sixpack

Five SXT units and one OmniTIK as a kit

OmniTIK is a weatherproof outdoor AP with dual-polarized omni antennas - the perfect companion for the 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. Full RouterOS feature set to control all networking in your tower.

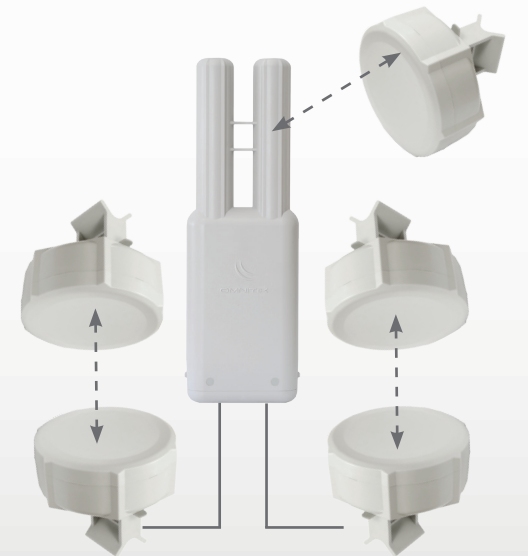
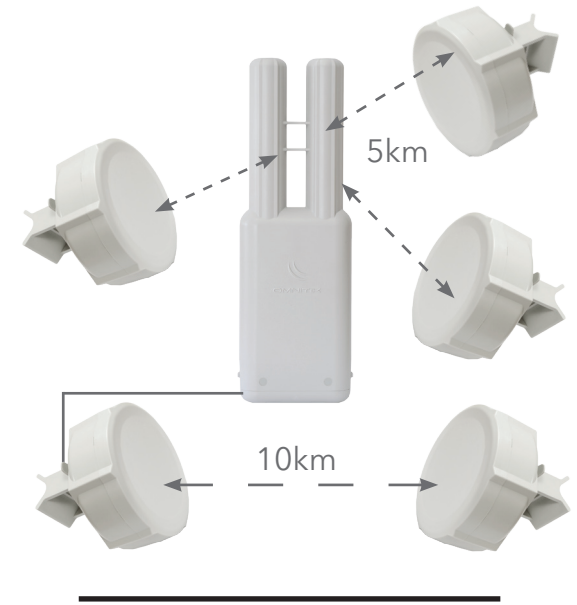
SXT is a low cost, high speed 5GHz wireless device. It has a dual chain antenna and supports 802.11n and Nv2 TDMA technology to achieve 200Mbit throughput speed! Complete with a ready to mount enclosure and built-in antenna, this is the perfect CPE! With SXT, connect from up to **5Km** to the OmniTIK AP.

We are now offering the OmniTIK bundled with FIVE SXT client devices, and best of all - the OmniTIK is free of charge! For the price of five SXT units, you get a complete kit.

There are many possible startup setups with this kit:

- OmniTIK AP + 5 SXT clients
- OmniTIK AP + 3 SXT clients + 2 SXT for a wireless bridge at the AP
- OmniTIK AP + 4 SXT clients + 1 SXT at the AP for a backhaul link

The kit includes 6 devices, all mounting kits, adapters and PoE injectors - **all for the price of 5 SXT units.**



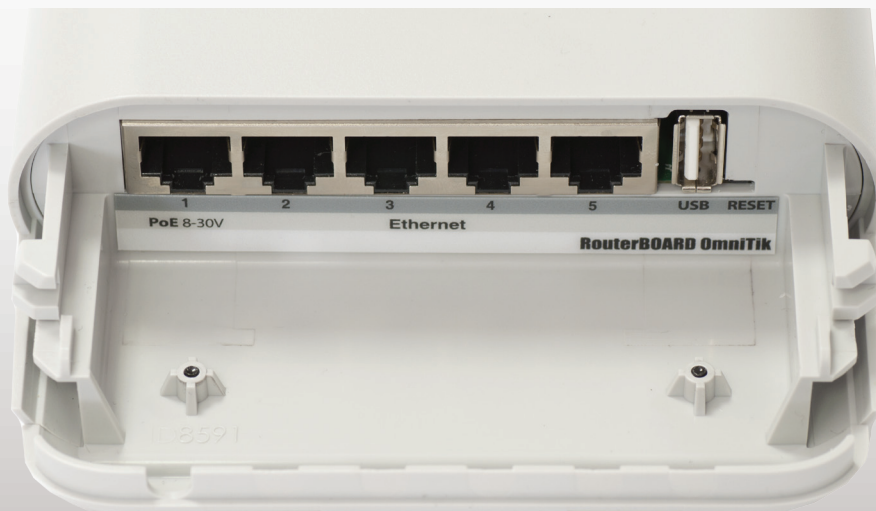
**\$445**  
regular price \$564

# Specifications

## OmniTIK U-5HnD

Features	U-5HnD (USB, 5GHz, High power wireless, 802.11n, Dual-chain)
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 each port
Dimensions	368x125x55mm, 520g
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

Wireless specs	
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



## SXT 5HnD

Features	5HnD (5GHz, High power wireless, 802.11n, Dual-chain)
CPU	Atheros AR7241 400MHz CPU
Memory	32MB DDR SDRAM onboard memory
Data storage	64MB onboard NAND storage chip
Ethernet	One 10/100 ethernet port, L2MTU frame size up to 4076
Wireless cards	Onboard dual chain 5GHz 802.11a/n Atheros AR9280 wireless module; 16kV ESD protection on each port
Extras	Reset switch, beeper, USB 2.0 port, voltage and temperature monitors
Serial port	No serial port
LEDs	Power LED, Ethernet LED, 5 wireless signal LED
Power options	Power over Ethernet: 8-30V DC Packaged with 24V DC 0.8A power adapter and passive PoE injector
Dimensions	140x140x56mm. Weight without packaging, adapters and cables: 265g
Power consumption	Up to 7W
Operating Temperature	-30C .. +80C
Operating System	MikroTik RouterOS v5, Level3 license
Package contains	SXT wireless device with integrated antenna, pole mounting bracket, mounting ring, PoE injector, power adapter, quick setup guide
Certifications	FCC, CE, ROHS

Antenna	
Type	Dual polarization 5GHz antenna
Frequency range	5.17 - 5.825 GHz
Gain	16 ± 2 dBi
VSWR, max	1.7:1
3 dB Beam-Width, H-Plane, typ.	25 °
3 dB Beam-Width, E-Plane, typ.	25 °
Polarization	Dual Linear (V-pol, H-pol)
Port to Port Isolation	- 35 dB

Protocol	Data rate	TX Power	Protocol	Data rate	RX Sensitivity
802.11a	6 Mbit/s	26dBm	802.11a	6 Mbit/s	-96dBm
	54 Mbit/s	22dBm		54 Mbit/s	-80dBm
802.11n 1 stream	MCS0 20MHZ	25dBm	802.11n 1 stream	MCS0 20MHZ	-96dBm
	MCS7 20MHZ	19dBm		MCS7 20MHZ	-77dBm
	MCS7 40MHZ	18dBm		MCS7 40MHZ	-74dBm
802.11n 2 streams	MCS8 20MHZ	25dBm	802.11n 2 streams	MCS8 20MHZ	-96dBm
	MCS8 40MHZ	25dBm		MCS8 40MHZ	-92dBm
	MCS15 20MHZ	19dBm		MCS15 20MHZ	-77dBm
	MCS15 40MHZ	18dBm		MCS15 40MHZ	-74dBm