NETMETAL 5 AND MANT30

The NetMetal 802.11ac outdoor unit combined with our professional mANT 30dBi dish antenna is a whole new category of professional wireless systems. Reach even farther, at a higher speed!
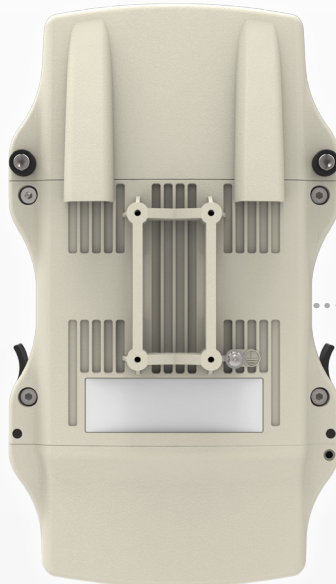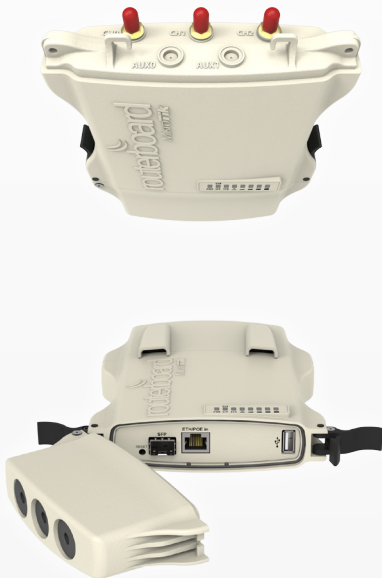
ROCK ROUTE AND ROLL

NetMetal 5

Supporting the 802.11ac wireless standard, the NetMetal allows to use radio datarates of up to 866Mbps (for D models) and 256-QAM modulation, and 20/40/80MHz channels. With it's huge speed improvements, 802.11ac opens up new possibilities. NetMetal5 - **high power for long links**!

The NetMetal is a completely new product in a waterproof enclosure. Its rugged design is made to withstand the toughest conditions, but at the same time is easy to use and can be opened and closed with one hand. The solid die cast aluminium enclosure also works as a reliable heatsink for it's high output power radio.

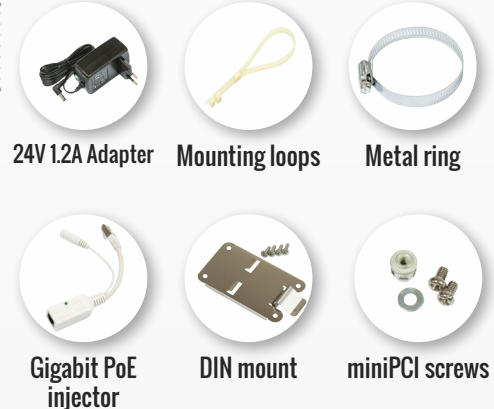Two of the models have a miniPCI-e slot for an additional wireless card.

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$149

All parts are included for pole mounting or mANT30 parabolic dish antenna mounting!

|		
24V 1.2A Adapter	Mounting loops	Metal ring
Gigabit PoE injector	DIN mount	miniPCI screws

mANT30 series

mANT30 is a professional class 5 GHz 30dBi dish antenna, made to the highest industry standards. Built to seamlessly accomodate our Netmetal, Netbox and Basebox series products, but can be used for any pole mounted wireless device due to the adequate length of the included FlexGuide cable.

Two antennas are available, with a **standard type mount (MTAD-5G-30D3)**, and with a **precision alignment mount (MTAD-5G-30D3-PA)**. The antennas come packaged with all necessary accessories and cables.

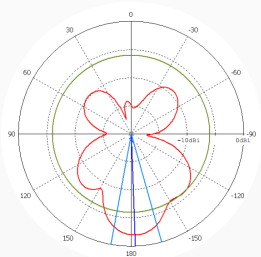**$119**

Included
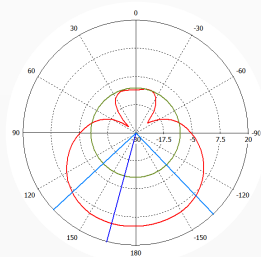
View product online

FlexGuide
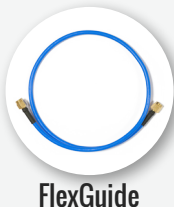
SXT ac series

The new AC standard is here, with up to 866Mbit over the air datarate, 256-QAM modulation and 20/40/80MHz channels. 802.11ac opens up new possibilities and speeds never possible before.

The SXT ac is a new member in our 802.11ac product lineup, currently two models are available — with regular 28 degree antenna, and the SA model with a 90 wide beam-width sector antenna. Also supports 802.11a/n mode and is compatible with all legacy RouterBOARD devices, including Nstream and Nv2 protocols. Both devices come with Gigabit Ethernet.

- Up to 1300mW RF output
- Extended temperature range -30C to +80C
- Up to 540Mbps throughput
- Low latency Point to Point
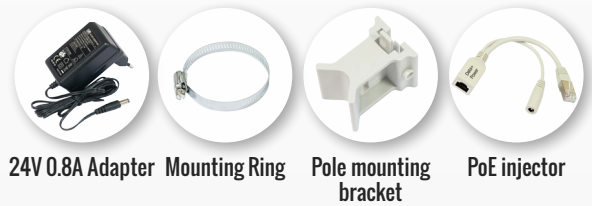- Supports passive PoE and 802.3af/at PoE input (15-60V)

$109

View product online

RBSXTG-5HPacD

RBSXTG-5HPacD-SA

Included

| 24V 0.8A Adapter | Mounting Ring | Pole mounting bracket | PoE injector |

NetBox 5

The NetBox 5 is a dual chain outdoor AP/CPE/Point-to-Point device with RP-SMA connectors for antennas, and a cable hood for protection against moisture. This device supports the new 802.11ac standard for increased wireless speed (866Mbit datarate, and 20/40/80MHz channels).

The case can be opened with one hand, and is protected against the elements. Ethernet and a Grounding wire exits are provided on the bottom, behind a protective door.

Comes with a mounting loop for tower/pole mounting, and a separate DIN rail mount is also provided. Package also includes a PoE injector and power supply unit.

Included

| Mounting loops | Metal ring | Gigabit PoE injector | DIN mount |

View product online

$109

mAP 2n

The mAP is a tiny size wireless Access Point with full RouterOS capabilities. It is very portable, since it accepts power from a wide variety of sources - USB, Passive or Active PoE (802.3af and 802.3at) and power jack.

In addition to using this device as a small and portable AP, it also works as a PoE injector - the second Ethernet port provides up to 500mA of power to another device, for example, you can connect a SXT CPE device to it.

- PoE in 10-57V
- Built in 2GHz AP
- microUSB for a 3G/4G modem
  (includes adapter to standard USB), or for power input
- Station or AP mode wireless
- Any type PoE input 802.3af and 802.3at
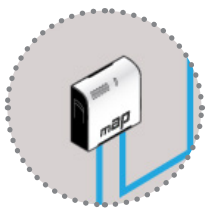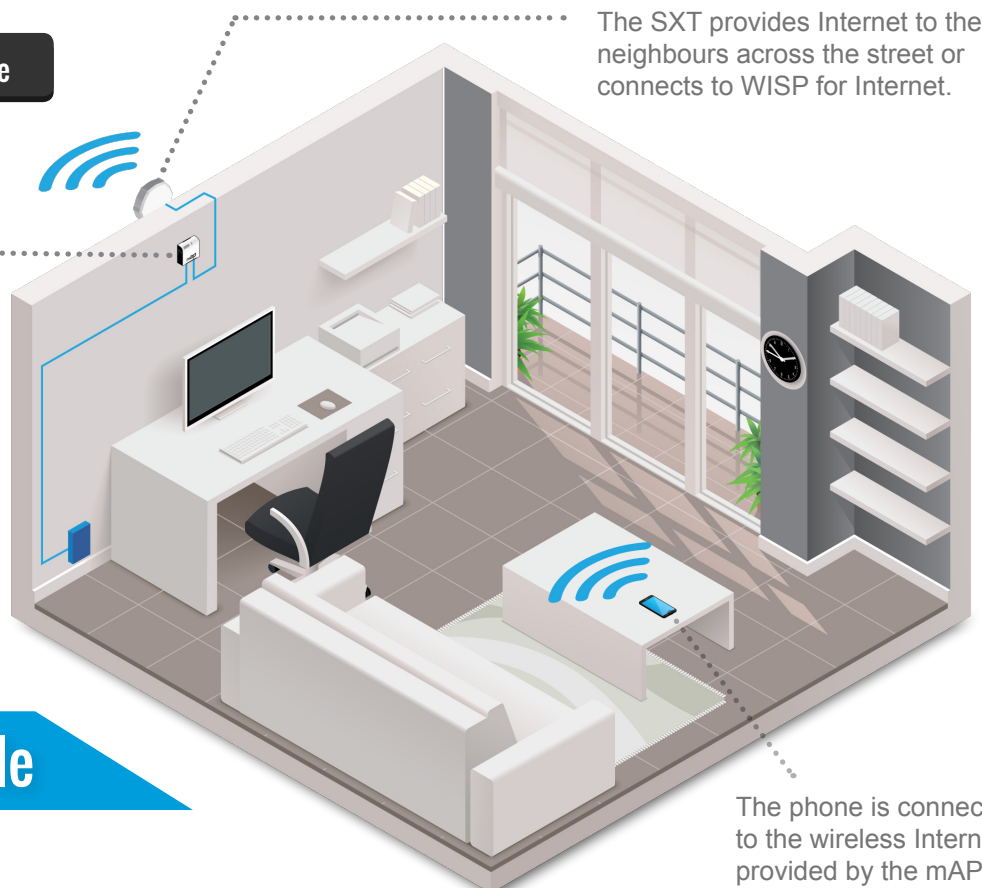- Passive PoE output (same as input voltage)

$45

USB Adapter   24V 0.8A Adapter

View product online

The SXT provides Internet to the neighbours across the street or connects to WISP for Internet.

The first port of the mAP is connected to the Internet router. The second provides connectivity and power to a SXT unit outside the building.

mAP usage example

The phone is connected to the wireless Internet provided by the mAP.

R11e-5HacD

The new AC standard is here, with up to 866Mbit datarate and 256-QAM modulation and 80MHz channels. 802.11ac opens up new possibilities and speeds never possible before.

R11e-5HacD is our new 802.11ac card in miniPCIe format, perfect for any RoutrBOARD with miniPCIe slot, such as RB953, RB912, RB922 RB800 or x86 devices with RouterOS.

The card features built-in LED indicators for wireless mode, connection status (connected, searching, disabled), TX and RX activity and wireless signal strength - just looking at the card will help with installation and alignment.

$49

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RB922UAGS-5HPacD

The RB922 is a very versatile wireless router, perfect for assembling your own solution. It supports the new 802.11ac standard for high speed wireless (up to 866Mbit datarate and 20/40/80MHz channels). The device has ports and slots for many uses: 1x SFP cage, miniPCIe slot with SIM for 3G/4G modem, USB port, Gigabit Ethernet port and two MMCX connectors for the built in 802.11ac radio.

$99
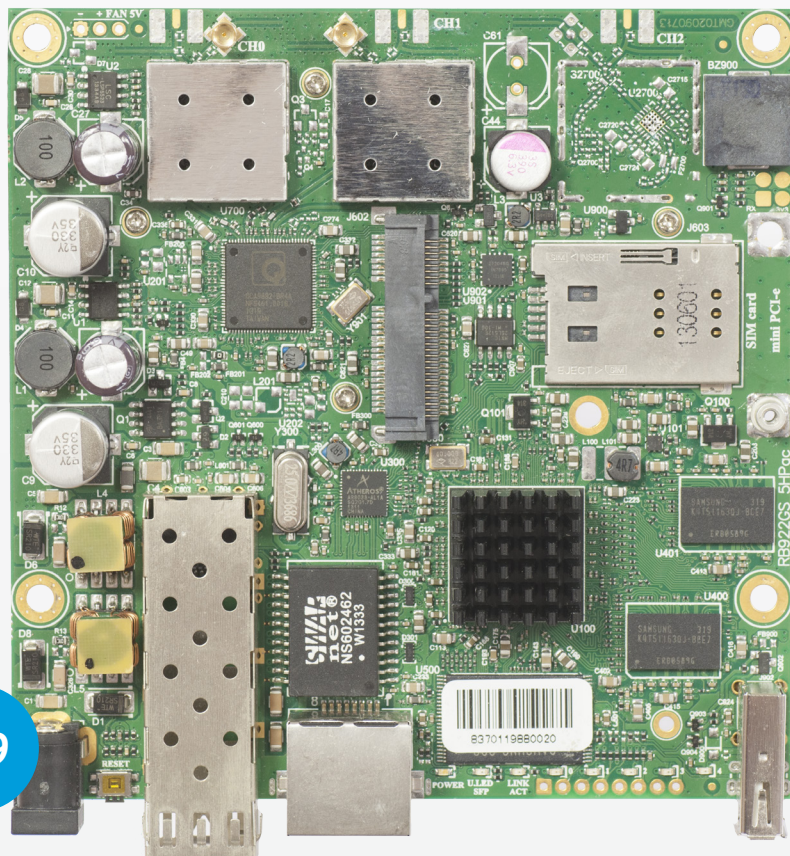
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CRS 8 port series

CRS109 has eight Gigabit ports and one SFP port, it also has a built in Wireless Access Point. Our CRS series combines the best features of a fully functional router and a Layer 3 switch, is powered by the familiar RouterOS. All the specific Switch configuration options are available in a special Switch menu, but if you want, ports can be removed from the switch configuration, and used for routing purposes

- Full wire speed switching
- Configure ports as switch, or for routing
- If required, full RouterOS routing power right there
- Built in 802.11b/g/n Wireless AP 1000mW
- Desktop case
- Color touchscreen LCD

24V 0.8A Adapter   microUSB cable
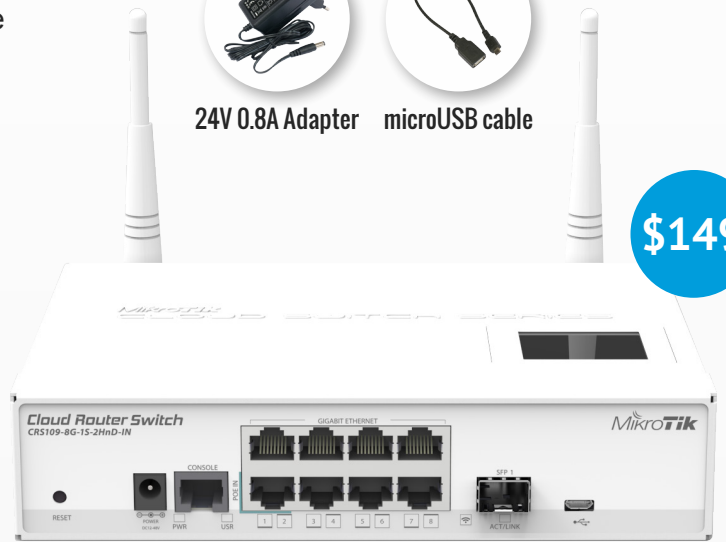
$149

View product online

Our 802.11ac product test results

Here is a video from our SXT ac test, which we performed in our anechoic wireless test chamber, to rule out all outside influence factors. This shows the capabilities of the 802.11ac technology in the SXT units. The test was done on default configuration, with 80MHz ac channels, on a distance of 5 meters. Since the signal was too strong, the result could even be slightly better at bigger distances.