



# Unlocking Outdoor Networking with the OmniTIK 5 PoE ac from MikroTik

Robust outdoor networking solutions are crucial for both residential and business applications in an increasingly connected world. A remarkable choice for these requirements is a potent gadget that blends cutting-edge functionality with tough dependability, making it ideal for a range of settings.

## **Adaptable Two-Band Performance**

This outdoor device's capacity to function on both the 2.4 GHz and 5 GHz frequency bands is one of its distinguishing features. Because of its dual-band capability, deployment can be flexible to meet the needs of various users. The 5 GHz spectrum offers faster speeds and fewer interference than the 2.4 GHz band, however the 2.4 GHz band has a longer range and better penetration over barriers. Because of its adaptability, it can be used for a variety of purposes, such as offering internet.

## OmniTIK 5 PoE ac

OmniTIK 5 PoE ac features five Gigabit Ethernet ports and support for 802.11ac. It's equipped with a powerful 720MHz CPU, 128MB RAM, high power 802.11a/n/ac Dual Chain wireless (support for AC as well as backwards compatible with regular 802.11a/n CPE) and comes with a new design weatherproof outdoor enclosure, two integrated 7.5dBi 5GHz omni antennas, a power supply, a PoE injector and a mounting kit.

Product code: RB0mniTikPG-5HacD

Architecture: MIPSBE

CPU: QCA9557

CPU core count: 1

CPU nominal frequency: 720 MHz

Switch chip model: QCA8337

Dimensions: 416 x 129 x 58 mm

RouterOS license: 4

Operating System: RouterOS

Size of RAM: 128 MB

Storage size: 16 MB

Storage type: FLASH



### Cutting-edge wireless technology

Utilizing the 802.11ac protocol, this apparatus provides fast wireless connectivity, rendering it perfect for situations with significant demand. Users can anticipate a flawless experience whether they're streaming, playing online games, or participating in video conferences. By utilizing 2x2 MIMO technology, users can benefit from improved signal quality and range, which guarantees a steady and dependable connection even in difficult circumstances.

### Convenience of Power Over Ethernet

Its support for Power over Ethernet is one of its most notable features (PoE). This makes installation more simpler by enabling the device to receive both power and data over a single Ethernet line. This

is especially helpful in outdoor environments where power outlets might not always be readily available. Because of its PoE functionality, the gadget can stay powered on without requiring extra power sources, which makes it amazing.

## **Strong and Weather-Resistant Architecture**

The sturdy enclosure, which was made especially for outdoor use, offers superior defense against inclement weather. This gadget is designed to withstand weather conditions, including rain, dust, and extremely high or low temperatures, guaranteeing dependable operation all year long. For deployments in harsh situations, including rural areas or outdoor venues, this durability is essential.

## **Better Configuration Choices**

Utilizing the robust RouterOS from [MikroTik](#), customers may take advantage of several networking protocol support, sophisticated routing capabilities, and a plethora of configuration options. This degree of personalization enables customized configurations to satisfy certain networking requirements. The user-friendly online interface and WinBox program further simplify the configuration procedure, making it accessible even for people with low technical skills.

## **Optimal Applications**

This outdoor gadget excels in a number of uses. It can be implemented by **Internet Service Providers** (ISPs) to increase connectivity to underserved and rural areas, guaranteeing that local communities have access to dependable internet services. It can be used by educational institutions to set up outdoor Wi-Fi areas on campus, giving staff and students the necessary connectivity. It's also ideal for temporary setups for outdoor events, guaranteeing that visitors will always have dependable internet connectivity wherever they are.

This outdoor networking solution is a strong option in an environment where dependable connectivity is essential. Its robust construction, cutting-edge technology, and dual-band performance make it ideal for a range of outdoor applications. For improving home connectivity, helping companies, or making it easier for the community.