ComX Computers
Product Specification Sheet

MT-RBCSS610-8P-2S+OUT

MikroTik netPower Lite 8P 8x PoE Output 2x SFP+ Integrated UPS Outdoor Switch

Product Overview

MikroTik netPower Lite 8P 8x PoE Output 2x SFP+ Integrated UPS Outdoor Switch, CSS610-8P-2S+OUT, SwOS Lite Operating System, 64 KB storage size, 3 DC inputs, 8x Gigabit PoE-out Ports, 802.3af/at PoE out, 2x Gigabit SFP+ Fibre Ports









Specifications

Overview Summary:

The MikroTik netPower Lite 8P is a compact, rugged PoE switch perfect for keeping your network devices powered even during outages. With 8 Gigabit PoE ports and 2 SFP+ 10Gbps uplinks, it delivers high-speed connectivity while an integrated UPS ensures continuous operation. Ideal for CCTV cameras, wireless backhaul, apartments, or office networks, this switch handles harsh outdoor conditions with ease. Shop now to maintain uninterrupted network performance and protect your devices.

Built with flexible 24-57V DC input support and a smart battery charger, the netPower Lite 8P prioritizes connected devices during power shortages, giving you peace of mind. Its simple SwOS Lite interface makes management straightforward, while robust construction ensures long-term durability. Buy now for reliable, scalable network power in South Africa.

Performance tier: High reliability

Uses: Powering CCTV, access points, wireless backhaul, smart-city networks, office networks

Overview:

MikroTik netPower Lite 8P PoE Switch with Integrated UPS and Outdoor-Ready Design
MikroTik's netPower Lite 8P is a compact and durable PoE switch designed to keep your network devices running even during power interruptions. Equipped with a built-in UPS and smart battery charger, this switch ensures uninterrupted operation for CCTV cameras, access points, and other critical devices. It offers 8 Gigabit PoE ports, two high-speed 10G SFP+ uplinks, and flexible 24-57 V DC input, making it ideal for offices, apartment buildings, WISPs, and smart-city deployments.

Description:

The netPower Lite 8P combines high-performance PoE output with backup power in a single device. Its eight Gigabit Ethernet ports support 802.3af/at PoE, with a total budget of 120 W, while two 10G SFP+ uplinks provide fast, reliable backhaul. The integrated UPS and smart charger allow seamless operation from external 24 V batteries, maintaining power to connected devices during outages. Designed for outdoor and industrial environments, the switch can operate in temperatures ranging from -40 degrees C to +70 degrees C. A built-in temperature sensor optimizes battery charging, and an alarm input enables tamper detection and monitoring via SwOS Lite or SNMP.

Features:

Power-Over-Ethernet with Backup Support
The netPower Lite 8P delivers reliable PoE even when the main power supply is interrupted. Its UPS mode supports lead-acid and Lithium Iron Phosphate batteries, automatically prioritizing PoE output when power is limited. This ensures essential devices stay online without interruption, making it perfect for surveillance cameras and wireless backhaul applications.

High-Speed Connectivity for Growing Networks
With eight Gigabit Ethernet ports and two 10G SFP+ uplinks, the netPower Lite 8P allows fast data transfer and smooth network performance. The switch uses SwOS Lite, a simple and efficient management system, enabling easy monitoring and control of connected devices.

Rugged Outdoor Performance
Built to endure harsh conditions, this switch operates across a wide temperature range and is suitable for outdoor installations. Its durable design ensures long-term reliability for networks in apartments, utilities, smart cities, and WISP environments.

Smart Battery Management
The intelligent charger manages battery charging in three stages, adapting to temperature changes to extend battery life. It supports various battery types and ensures safe and efficient charging through the 2-pin terminal.

Flexible Deployment Options
Ideal for networks where uptime is critical, the netPower Lite 8P powers multiple devices from a single UPS-enabled switch. It is especially suitable for CCTV systems, wireless backhaul, and smart-city installations that demand zero downtime.

Specifications:

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Specifications

Product Code	MT-RBCSS610-8P-2S+OUT
Specifications	
Product code	CSS610-8P-2S+OUT
Switch chip model	88E6193
Operating System	SwOS Lite
Storage size	64 KB
Storage type	FLASH
MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-40degreesC to 70degreesC
Powering	
Number of DC inputs	3
	(2-pin terminal)
2-pin terminal input Voltage	24-57 V (Battery 22-30 V)
Max power consumption	208 W
Max power consumption without attachments	9 W
Cooling type	Passive
PoE-out	
PoE-out ports	Ether1-Ether8
PoE out	802.3af/at
Low voltage PoE-Out current limit	1.0 A
High voltage PoE-Out current limit	0.64 A
Total output power	120
Ethernet	
10/100/1000 Ethernet ports	8
Number of 1G Ethernet ports with PoE-out	8
Fiber	
SFP+ ports	2
Other	
CPU temperature monitor	Yes
Current Monitor	Yes
Voltage Monitor	Yes
Certification & Approvals	
Certification	CE, EAC, ROHS
IP	54

Included parts	Hose clamp 2
	K-66 fastening set
	Temperature sensor

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MT-RBCSS610-8P-2S-OUT-MikroTik-netPower-Lite-8P-8x-PoE-Output-2x-SFP-Integrated-UPS-p-333771.php

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