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MIKROTIK AMP 5G R16

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Περιγραφή

MikroTik LAMP 5G R16 – Outdoor 5G Router with Omnidirectional Antenna and eSIM

MikroTik LAMP 5G R16 (LAMPGM&RG520F-EU) is an outdoor 5G modem and router (SA/NSA) designed for environments where it is impossible or impractical to point the Directional antennas for a single transmitter. The use of efficient omnidirectional antennas allows the device to constantly monitor its surroundings and automatically connect to the best available signal. This solution works well in dense urban areas, ports, industrial areas, mobile installations, and as a primary backup link where network parameters can change dynamically.

The device has a built-in eSIM chip, allowing remote activation and switching of tariff plans without the need to physically swap cards. The router supports the MikroTik Connectivity service and third-party operator profiles. There is also one standard microSIM card slot. The device is managed by a dual-core 64-bit ARM 88F3720 800 MHz processor supported by 512 MB of RAM, and the RouterOS v7 operating system (with a Level 3 license) is the system of choice.

The router's design has been adapted to operate in harsh environments. The housing is IP67 rated and has EN 60945 marine certification, allowing for trouble-free operation on ships, coastal infrastructure, and in production halls (in a temperature range of -40°C to +70°C). The device is also equipped with a GNSS location module (supporting GPS, Glonass, Galileo, BeiDou, and QZSS systems), designed for fleet tracking and management (however, it is not a certified marine navigation system). Communication with the local network and powering the device is achieved via a single 1GbE port that supports PoE. Key features:

5G/LTE modem: High throughput thanks to support for 5G SA (download up to 4.2 Gbps), 5G NSA (up to 5.0 Gbps), and LTE Cat 20 (up to 2.0 Gbps).

Omni-directional Antenna: Automatically selects the strongest signal from multiple base stations, without the need to physically align the antenna.

SIM Flexibility: Built-in eSIM for remote management of operator profiles and a traditional microSIM slot.

Industrial and Marine Durability: Completely weatherproof (IP67 class), EN 60945 marine standard, and operation in temperatures from -40°C to +70°C.

GNSS location: Integrated satellite receiver for easy tracking.

Power and communication: One Gigabit RJ45 port with PoE-in support (802.3af/at standard, voltage 12-56V). Maximum power consumption is 10W.

Software: Fully configurable RouterOS v7 (Level 3) system, giving you full control over routing and network settings.

Κατηγορία

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