



MikroTik CMEBG77 CME Gateway User Guide

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CMEBG77 CME Gateway User Guide

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CMEBG77 CME Gateway



This device needs to be upgraded to RouterOS v7.7 or the latest version to ensure compliance with local authority regulations!

It is the end users' responsibility to follow local country regulations, including operation within legal frequency channels, output power, cabling requirements, and Dynamic Frequency Selection (DFS) requirements. All MikroTik radio devices must be professionally installed

This Quick Guide covers model: CME22-2n-BG77.

This is a wireless network device. You can find the product model name on the case label (ID).

Please visit the user manual page on <https://mt.lv/um> for the full up-to-date user manual. Or scan the QR code with your mobile phone.

The most important technical specifications for this product can be found on the last page of this Quick Guide.

Technical specifications, brochures, and more info about products at <https://mikrotik.com/products>

Configuration manual for software in your language with additional information can be found at <https://mt.lv/help>

MikroTik devices are for professional use. If you do not have qualifications please seek a consultant <https://mikrotik.com/consultants>



<https://mt.lv/um>

Safety Information

- Before you work on any MikroTik equipment, be aware of the hazards involved with electrical circuitry, and be familiar with standard practices for preventing accidents. The installer should be familiar with network structures, terms, and concepts.
- Use only the power supply and accessories approved by the manufacturer, and which can be found in the original packaging of this product.
- This equipment is to be installed by trained and qualified personnel, as per these installation instructions. The installer is responsible for making sure, that the Installation of the equipment is compliant with local and national electrical codes. Do not attempt to disassemble, repair, or modify the device.
- This product is intended to be mounted outdoors on a pole. Please read the mounting instructions carefully before beginning installation. Failure to use the correct hardware and configuration or to follow the correct procedures could result in a hazardous situation for people and damage to the system.
- We cannot guarantee that no accidents or damage will occur due to the improper use of the device. Please use this product with care and operate at your own risk!
- In the case of device failure, please disconnect it from power. The fastest way to do so is by unplugging the power adapter from the power outlet.
- To avoid contamination of the environment, separate the device from household waste and dispose of it in a safe manner, for example, in designated areas.
- Become familiar with procedures for properly transporting the equipment to designated collection points in your area.

Exposure to Radio Frequency Radiation: This MikroTik equipment complies with the European Union radiation exposure limits set forth for an uncontrolled environment. This MikroTik device should be installed and operated no closer than 20 centimeters from your body, occupational user, or the general public.

Manufacturer: Mikrotiks SIA, Brivibas gatve 214i Riga, Latvia, LV1039.

Federal Communication Commission Interference Statement



Model	FCC ID	Contains FCC ID
CME22-2n-BG77	TV7CMEBG77	XMR201912BG77

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Note: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to ensure compliance.

This MikroTik equipment complies with the FCC and IC radiation exposure limits set forth for an uncontrolled Exposure to Radio Frequency Radiation:

environment. This MikroTik device should be installed and operated no closer than 30 centimeters from your body, occupational user, or the general public.

Innovation, Science and Economic Development Canada

Model	FCC ID	Contains FCC ID
CME22-2n-BG77	TV7CMEBG77	XMR201912BG77

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s).

Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

Exposure to Radio Frequency Radiation: This MikroTik equipment complies with the FCC and IC radiation exposure limits set forth for an uncontrolled environment. This MikroTik device should be installed and operated no closer than 20 centimeters from your body, occupational user, or the general public.

CE Declaration of Conformity

Hereby, Mikrotikls SIA declares that the radio equipment type CME22-2n-BG77 is in compliance with Directive

2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
<https://mikrotik.com/products>

WLAN/LTE/NB-IoT

Operating Frequency / Maximum output power

WLAN	2400-2483.5 / 20 dBm
LTE FDD, NB-IOT Band 1	1920-1980 MHz / 21 dBm
LTE FDD, NB-IOT Band 3	1710-1785 MHz / 21 dBm
LTE FDD, NB-IOT Band 8	880-915 MHz / 21 dBm
LTE FDD, NB-IOT Band 20	832-862 MHz / 21 dBm
LTE FDD, NB-IOT Band 28	703-748 MHz / 21 dBm



This MikroTik device meets Maximum TX power limits per ETSI regulations. For more detailed information see Declaration of Conformity above /

Technical Specifications

Product Power Input Options	DC Adapter Output Specification	Degrees of protection provided by enclosure (IP Code)	Operating
2 – PIN Terminal (12 – 57 V DC) PoE in Ethernet (18 – 57 V DC)	Voltage, V 48 Current, A 0.95	IP66	-40°..+70°C

UKCA marking

UK
CA#67514

CE Maintenance

1. Adapter shall be installed near the equipment and shall be easily accessible.
2. EUT Operating temperature range: -40° C to 70° C .
3. Adapter
The plug considered as disconnect device of adapter
Input: AC 100-240V, 50/60Hz, 1.0A
Output: DC 48V 0.95A
4. The device complies with RF specifications when the device used at 20cm from your body.




Declaration of Conformity

Mikrotiks SIA hereby declares that this CME Gateway is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), This product is

allowed to be used in all EU member states.

Documents / Resources

	<p>MikroTik CMEBG77 CME Gateway [pdf] User Guide CMEBG77, TV7CMEBG77, TV7CMEBG77, CMEBG77 CME Gateway, CME Gateway, Gateway</p>
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References

- [🌐 User Manuals - User manuals - MikroTik Documentation](#)
- [🏠 MikroTik Routers and Wireless](#)
- [🏠 MikroTik Routers and Wireless - Buy](#)
- [🏠 MikroTik Routers and Wireless - Buy](#)
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