

Safety and regulatory information: KNOT Embedded LTE4

Model: EG25-G&KNe



EN - English. Safety and regulatory information:



This device needs to be upgraded to RouterOS v7.18.2 or the latest stable 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 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.

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

The latest upgrades on MikroTik software can be found: <https://mikrotik.com/download>.

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

If you need help with configuration, please seek a consultant <https://mikrotik.com/consultants>.

For any compliance related questions, contact certification@mikrotik.com.

Note: For some models, check the user and wireless passwords on the sticker.

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. If service is needed, please contact MikroTik support.
- This product is intended to be installed indoors. Keep this product away from water, fire, humidity, or hot environments.
- 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!
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- 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.
- This is a Class A product. In a domestic environment, this product might cause radio interference in which case the user might be required to take adequate measures.
- 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.

Technical Specifications

Product Power Input Options	DC Adapter Output Specification	IP Class of the enclosure	Operating Temperature
PoE in (12 - 57 V DC) USB C (5 V DC)	5 V, 0.8 A	IP20	-40°..+70°C

Federal Communication Commission Interference Statement

Model	FCC ID	Contains FCC ID
EG25-G&KNe	TV7EG25KN	XMR201903EG25G

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

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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.

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.

Antenna Installation WARNING: It is the installer's responsibility to ensure that when using the authorized antennas in the USA (or where FCC rules apply); only those antennas certified with the product are to be used. The installer should configure the output power level of antennas, according to country regulations and per antenna type. Professional installation is required for equipment with connectors to ensure compliance with health and safety issues.

Only those antennas with same type and equal or lesser gain filed under this FCC ID can be used with this device.

Antenna model	Frequency	Antenna type	Antenna gain
(WWAN) HGO-LTE-B	LTE Bands	Omnidirectional	4 dBi
(GPS) ACGPSA	1575.42 MHz	Omnidirectional	26 dBi

Innovation, Science and Economic Development Canada

Model	IC ID	Contains IC
EG25-G&KNe	7442A-EG25KN	10224A-201903EG25G

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 A digital apparatus complies with Canadian ICES-003.

Exposure to Radio Frequency Radiation: This MikroTik equipment complies with the 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.

This radio transmitter [IC: 7442A-EG25KN] has been approved by Innovation, Science and Economic Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Antenna model	Frequency	Antenna type	Antenna gain
(WWAN) HGO-LTE-B	LTE Bands	Omnidirectional	4 dBi
(GPS) ACGPSA	1575.42 MHz	Omnidirectional	26 dBi

Cet appareil contient des émetteurs/récepteurs sans licence qui sont conformes à la licence d'Innovation, Sciences et Développement économique Canada. RSS exemptés. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas provoquer d'interférences. (2) Cet appareil doit accepter toutinterférences, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil. Cet appareil numérique de classe A est conforme à la norme canadienne ICES-003. Exposition aux rayonnements radiofréquences : cet équipement MikroTik est conforme aux limites d'exposition aux rayonnements IC établies pour une utilisation non contrôlée. environnement. Cet appareil MikroTik ne doit pas être installé et utilisé à moins de 20 centimètres de votre corps, de votre utilisateur professionnel ou de l'environnement général. publique. Cet émetteur radio [IC : 7442A-EG25KN] a été approuvé par Innovation, Sciences et Économique Canada pour fonctionner avec les types d'antenne ci-dessous, avec le gain maximum autorisé indiqué. Types d'antennes non inclus dans cette liste qui ont un gain supérieur au gain maximum indiqués pour tout type répertorié sont strictement interdits pour une utilisation avec cet appareil.





EN - English - Quick Guide:

First steps:

- Insert the Nano SIM card into the slot, with the chip facing DOWN;
- Connect the device to the included power adapter;
- Connect the device to the computer using Ethernet cable;
- Configure your device using a web browser through *WebFig* or the *WinBox* tool at <https://mt.lv/WinBox>;
- Access *WebFig* by opening <http://192.168.188.1>, and for *WinBox*, download the tool, navigate to the *Neighbors* tab, and click on the MAC address. The username is "*admin*" with no password (or, for some models, check user and wireless passwords on the sticker);
- Enter the PIN code, if required by your mobile network operator;
- Click the "Check for updates" button and update RouterOS to the latest version. Must have a valid SIM card inserted and active Internet connection;
- For a manual update of the device, visit the products page at <https://mikrotik.com/products> to find your product. The required packages are accessible under the "Support&Downloads" menu;
- Upload downloaded packages to the WebFig or WinBox "Files" menu and reboot the device;
- By upgrading your RouterOS software to the latest version, you can ensure optimal performance, stability, and security updates;
- Set up your router password.

