

## **NET ROUTER IOT GATEWAY LTE4/KNOT EC25-EU&KNE MIKROTIK**



Model: EC25-EU&KNE

Manufacturer: MIKROTIK

EAN: 4752224009883

Product Code: 310894

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## **R1,506**

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Industrial LTE/BLE/GNSS connectivity that fits anywhere. Originally designed for coffee and vending machines – perfect for all kinds of industrial automation.

KNOT Embedded LTE4 is a tiny but powerful industrial LTE gateway designed for integrators, automation specialists, and IoT system builders. It fits into tight spaces, mounts directly on a DIN rail, and delivers reliable LTE Cat4 connectivity with Bluetooth and GNSS support.

Use it as a primary gateway, a backup link, or an IoT data collection node – everything is powered by RouterOS for maximum flexibility.

### **Sensor-ready GPIO header**

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The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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For simple automation and monitoring (Digital input/Analog Input/OD output). All pins are 24V tolerant.

## Powered by RouterOS

Full networking stack, VPNs, firewall, SMS control and notifications, automation, remote management, and so much more!

Whether you're building a new system or adding LTE to an existing installation, KNOT Embedded LTE4 adapts easily. It's easy to integrate, easy to deploy, and built to perform in harsh environments – from smart city deployments to industrial automation and mobile tracking.

Summary: Mikrotik KNOT Embedded LTE4. Product colour: Grey, Mounting type: DIN-rail. Antenna type: Internal, Antenna connector type: SMA, Mean time between failures (MTBF): 100000 h.

Processor manufacturer: ARM, Processor family: ARM Cortex, Processor model: Cortex-A7. Ethernet LAN data rates: 10,100,1000 Mbit/s, Networking standards: IEEE 802.3af, IEEE 802.3at, Mobile network generation: 4G. SIM card type: NanoSIM + eSIM | Vendor Homepage:

[https://mikrotik.com/product/knot\\_embedded\\_lte4](https://mikrotik.com/product/knot_embedded_lte4) | LED indicators: Yes | Mounting type: DIN-rail |

Product colour: Grey | Antenna connector type: SMA | Antenna type: Internal | GPS (satellite): Yes |

Mean time between failures (MTBF): 100000 | Short Message Service (SMS): Yes | Built-in processor:

Yes | Internal memory: 256 | Number of processors installed: 1 | Processor family: ARM Cortex |

Processor frequency: 1200 | Processor manufacturer: ARM | Processor model: Cortex-A7 | SSD

capacity: 512 | 4G FDD-LTE bands supported: 800,900,1800,2100,2600,700 | 4G LTE category: 4 |

4G TDD-LTE bands supported: 2600,2500,2300 | Bluetooth: Yes | Bluetooth Low Energy (BLE): Yes |

Bluetooth version: 5.1 | Data network: 2G/3G/4G/LTE | Ethernet LAN data rates: 10/100/1000 | Mobile

network generation: 4G | Networking standards: IEEE 802.3af/IEEE 802.3at | Ethernet LAN (RJ-45)

ports: 1 | Number of simultaneous SIM cards: 1 | SIM card slot: Yes | SIM card type: NanoSIM + eSIM |

Management platform: RouterOS v7 | Input voltage: PoE 12-57, USB-C 5 | Power consumption

(typical): 7 | Power over Ethernet (PoE): Yes | AC adapter included: Yes | Operating temperature (T-

T): -40 - 70 | Compliance certificates: CE/EAC/RoHS | Model: KNOT Embedded LTE4 | Product model

code: EC25-EU&KNe | Units per Pallet: 0 | Units per Shipping Box: 20 | Unit Calculated Volume:

0.0007425 | Product Net Weight: 0.1 | Unit Calculated Weight: 0.24

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