**INSTALLATION STEPS**

1. **Power supply** connector (12..24V DC, terminal block)
2. **USB connector** (PC connection)
3. **RFID card slot** for DUAL SIM option
4. **50 Ohm Isolated antenna** (No. 4)
5. **Primary SIM card slot** (No. 7), then plug the SIM card into the slot
6. **Antenna** (if available)

**MECHANICAL DESIGN & ENVIRONMENTAL CONDITIONS**

- **Size**
  - 110 x 150 x 58 mm / 4.3" x 5.9" x 2.3"
- **Weight**
  - 385g (No. 13)
- **Ports**
  - 4 Ethernet ports (100Mbit, LAN, RX5)
- **USB connector (PC connection)**
  - USB cable (No. 11)

**POWER SUPPLY, INTERFACES**

- **Power supply**
  - 12...24V DC, Consumption: 2.5...10W
- **PSD connector**
  - 2-pin terminal block, with positive / -
- **Super capacity**
  - against short <5sec power outages, the component is assembled on the PCB, in case of full discharge it takes 6-10 minutes charging.
- **Wireless communication (Band:HP)**
  - 5G (1800), 6G (2600), 8G(900): LTE: 1800/1900, 2600, 800
- **LAN types**
  - for 2 SIM cards: 2FF type mini SIM card - internal protection against spontaneous falling out
- Ports: 4 Ethernet ports (100Mbit, LAN, RX5) / Isolated 50 Ohm antenna (No. 5)
- **Antenna** for DUAL SIM option (No. 6) and/or USB cable to the LAN1 (No. 7), then plug the adapter to the external device through the USB connection on its IP address.
- **Memory**
  - 16GB / 32GB microSD card (No. 8)

**STARTING THE DEVICE**

1. Install the driver for the selected USB connection:
   - **Windows**: **OpenWRT** operation between 10...20 °C and 95% humidity
   - **Linux**: **OpenWRT** installation: when it is available on the device through the USB connection on its IP address.

**OPERATION BETWEEN**

- **Current consumption**
  - 12...24V DC
- **Network Cards**
  - **Ethernet**
    - for the connection to the network (LAN1 / LAN2)
  - **USB**
    - for the connection to the computer (USBLAN, USB connection)

**DOCUMENTATION & SUPPORT**

- **Please**
  - visit the website at https://www.wmsystems.hu/en/product/m2m
- **Contact**
  - for further information, please:
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**M2M Router PRO 4® – Quick Installation Guide**

**CONNECTIONS**

- **Power supply connector (12...24V DC, terminal block)**
- **micro-SD card slot** for USB card, for UO to boot or data storage
- **USB connector** (PC connection)
- **RFID card slot** for DUAL SIM option (inactive)
- **Ethernet LAN port** (IEEE 802.3u,100/10 Mbit FastEthernet, full duplex, bridged, RJ45 connector)
- **Ethernet LAN port** (IEEE 802.3u, 100/10 Mbit FastEthernet, full duplex, bridged, RJ45 connector)
- **Ethernet LAN port** (IEEE 802.3u, 100/10 Mbit FastEthernet, full duplex, bridged, RJ45 connector)
- **Ethernet LAN port** (IEEE 802.3u, 100/10 Mbit FastEthernet, full duplex, bridged, RJ45 connector)
- **Power supply connector (12..24V DC, terminal block)**
- **50 Ohm Isolated antenna** (No. 4)
- **RFID card slot** for DUAL SIM option
- **Antenna** (if available)

**INSTALLATION STEPS**

1. **Power supply** connector (12...24V DC, terminal block)
2. **USB connector** (PC connection)
3. **RFID card slot** for DUAL SIM option
4. **50 Ohm Isolated antenna** (No. 4)

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