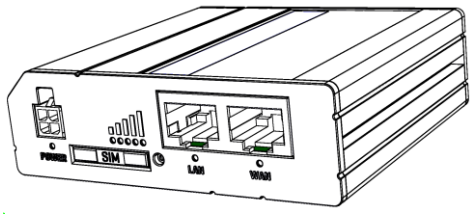
# DM-RUT2

LTE router

- **GSM bandwidths 4G LTE, 3G, 2G**
- **Wi-Fi – AP, STA**
- **SMA connectors for external antennas**
- **Router – 2× Ethernet**
- **Possibility to connect via Ethernet to any control system**
- **Configuration via web interface**
- **Modem power and status indication by LED**
- **Power supply 24 V DC**




## TECHNICAL DATA

| | |
|---|---|
| GSM bandwidths | 4G/LTE (Cat 4), 3G, 2G |
| Modem type | TELTONIKA RUT200 |
| CPU | Mediatek, MIPS 24Kec, 580 MHz |
| RAM | 128 MB, DDR2 |
| FLASH storage | 16 MB, SPI Flash |
| Antenna | 2× LTE over SMA connector<br>1× Wi-Fi over RP-SMA connector |
| Communication interfaces | 2× Ethernet 10/100 Mbps (RJ45)<br>(1× LAN, 1× WAN), router |
| Wi-Fi | IEEE 802.11b/g/n, Access point (AP),<br>Station (STA) |
| Inputs/Outputs | 1× digital input<br>1× digital output (open collector)<br>on the power connector |
| SIM card slot | Mini SIM – 2FF |
| Power supply | 9 V DC to 30 V DC |
| Maximum consumption | Max. 270 mA at 24 V DC |
| Ingress protection rating | IP30 |
| Mounting | On a 35 mm DIN rail only with **PR5MEC11** |
| Operating temperature range | -40 °C to 75 °C |
| Maximum ambient humidity | < 90 % non-condensing |
| Weight | 0,125 kg |
| Dimensions (w × h × d) | (80 × 83 × 25) mm |
| VPN support | GRE, IPsec, OpenVPN, L2TP, L2TPv3,<br>PPTP, WireGuard |
| MQTT support | Broker/publisher/converter ModbusTCP → MQTT |

Note.: The SIM card is not included.

## ORDERING DETAILS

| | |
|---|---|
| **DM-RUT2** | LTE router, power supply, 2× LTE antennas, 1× Wi-Fi antenna |
| **PR1KS210** | Magnetic SMA antenna for DM-RUT2 |
| **PR5MEC11** | DIN rail mounting clip for DM-RUT2, 2× mounting screw |



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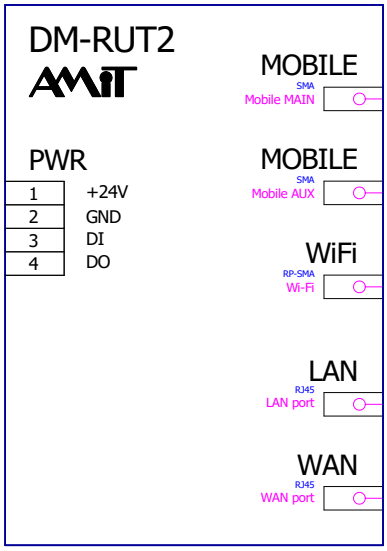
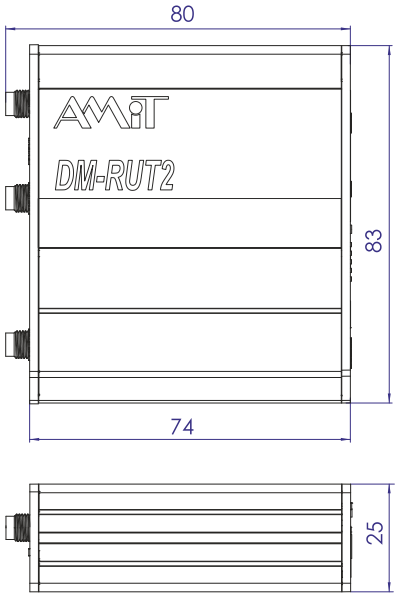
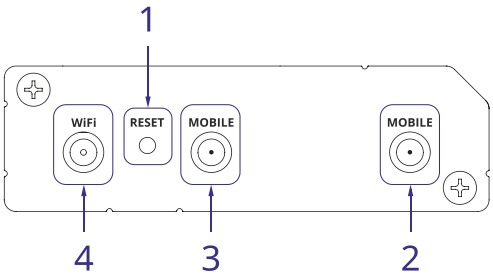
## RECOMMENDED DRAWING SYMBOL




## MECHANICAL DIMENSIONS

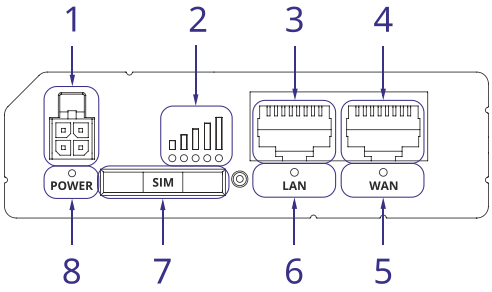



## CONNECTORS, BUTTON AND LEDS LOCATION




### LEGEND

| Number | Description |
|---|---|
| 1 | RESET button |
| 2 | LTE MAIN antenna (SMA) |
| 3 | LTE AUX antenna (SMA) |
| 4 | Wi-Fi antenna (RP-SMA) |

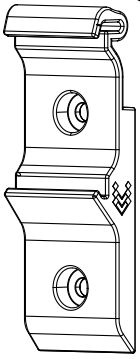



### LEGEND

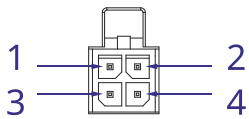
| Number | Description |
|---|---|
| 1 | Power supply and I/O connector |
| 2 | LED signal strength |
| 3 | Ethernet LAN (RJ45) |
| 4 | Ethernet WAN (RJ45) |
| 5 | LED status WAN |
| 6 | LED status LAN |
| 7 | SIM card slot |
| 8 | LED power supply |

## PR5MEC11

(DIN rail mounting clip)



## POWER CONNECTOR




### LEGEND

| Number | Description |
|---|---|
| 1 | Power supply, +24 V DC |
| 2 | Power supply, GND |
| 3 | Digital Input – DI |
| 4 | Digital Output – DO |

Data in this datasheet is informative only. Documentation is available at amitomation.cz/en/produkt/komunikacni-prevodniky/dm-rut2/.