

WiCAR® 9004.02

- Gateway and WLAN/LTE Car Router
- Full Wicar® Performance With One LTE Modem
- Designed For Automotive Mission Critical Use Cases
- Software Update Via Internet (OTA) and USB



Dimension / Weight

- 105 x 168 x 34 mm (W x D x H)
- 440 g

Power Consumption

- 10 - 48 VDC
- In Operational mode typical 0.5A at 12 VDC
- In Standby mode 4mA at 12VDC
- In Deep Standby mode 650µA at 12VDC

Supported Mobile Standard

LTE

- Bandwidth: 150Mbit/s (DL) / 50Mbit/s (UL)
- LTE Cat 4 / 3GPP E-UTRA Release 11
- Supported frequencies: FDD-LTE 800/850/900/1800/2100/2600 MHz / TDD-LTE (2300/2500/2600 MHz)

HSDPA

- Bandwidth: 42Mbit/s (DL) / 5.76Mbit/s (UL)
- Supported frequencies: 2100/850/900 MHz

GPRS, EDGE

- Bandwidth: 296KBps (DL) / 236.8KBps (UL)
- Supported frequencies: 900/1800MHz

WiFi Access Point

- Supports frequency bands 2.4 GHz, 5 GHz
- WLAN Standard IEEE802.11 a, b, g, n
- Authentication methods: Open with landing page, WPA2-PSK

GNSS Receiver

- GPS
- Glonass
- BeiDou
- Galileo

Connector, LED, Taster

- 2 x FAKRA(m) D-coded to connect the LTE antennas (MIMO)
- 1 x FAKRA(m) C-coded to connect a GNSS receiver
- 2 x FAKRA(m) N-coded to connect the WIFI antenna (MIMO)
- 1 x Standard SIM slot (2FF)
- 1 x Ethernet (10/100/1000Mbit/s)
- 1 x USB Host Adapter 2.0, with 5V 1.5A
- 1 x 6 pin socket for power supply including
 - 1 x Permanent Plus (Terminal 30)
 - 1 x Permanent Ground (Terminal 31)
 - 1 x Switchable Plus (Terminal 15)
 - 2 x CAN Interface (optional)
 - 1 x GPIO
- 1 x Micro SD card socket
- 1 x Reset taster
- 4 x BiColor LED
 - Power supply
 - System status
 - WIFI
 - Mobile Reception Quality indicator