



WiCAR® 9007.x

- Gateway and WLAN/LTE Car Router
- Developed for application in busses
- Up to 50 simultaneous WLAN connections
- Software update via Internet (OTA) and USB



Sample WiCAR® 9007.01

Dimensions / 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: 300Mbit/s (DL) / 50Mbit/s (UL)
- LTE Cat 6 / 3GPP E-UTRA Release 11
- Channel bundling according to LTE-A carrier aggregation
- Supported frequencies: FDD-LTE 700/800/850/900/1500/1800/2100/2600 MHz / TDD-LTE 2300/2500/2600 MHz
- Supported Bands: FDD-LTE B1/B3/B5/B7/B8/B20/B28/B32 / TDD-LTE B38/B40/B41

HSDPA

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

WIFI Access Point

- Supports frequency bands 2.4 GHz and 5 GHz
- WLAN Standard IEEE802.11 ac, a, b, g, n
- Over 50 simultaneous WLAN connections
- Authentication method: Open with landing page, WPA2-PSK

GNSS Receiver

- GPS
- Glonass
- BeiDou
- Galileo

Connectors, LED, Taster

- 2 x FAKRA(m) D-coded to connect the LTE antennas (2 x 2 MIMO support)
- 1 x FAKRA(m) C-coded to connect a GNSS receiver
- 2 x FAKRA(m) I-coded to connect the WIFI antenna
- Can be delivered with SMA connectors upon request
- 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 Groun (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 status
 - Mobile reception quality indicator