

WICAR®



ATTB Antennentechnik
Bad Blankenburg



WiCAR®: Always well connected

The digital all-round talent for vehicles



Always well connected on the road

Welcome to the world of WiCAR®

Nowadays digital connectivity has spread over all areas of life. We want or need to be reliably connected anytime and anywhere. Not only in the office or at home. But also when we are on the road.

Digital all-round talent

With WiCAR® we bring the digital possibilities and the digital lifestyle to vehicles. Applications include caravans, passenger cars, police cars, rescue services or vans. In combination with our

high-performance antennas, we enable secure and reliable communication, untroubled web surfing, comprehensive infotainment, working on the move, GPS tracking and fleet management, security monitoring and much more.

Uncomplicated and reliable

When developing WiCAR® we placed special emphasis on an uncomplicated and reliable solution. With a small, light and easy to install

hardware box. With multiple connections and extension options. With high-quality components that nothing can shake and that withstand extreme cold as well as great heat. With a personal MyWiCAR® portal that presents vehicle data in a user-friendly manner and allows for multiple planning and configuration options. With best performance and highest transmission reliability. In short: with equipment features and functions that leave nothing to be desired.

Enjoying all freedoms

Whether you are travelling privately or on business purpose: with WiCAR® you are always well connected and enjoy all freedoms.



Benefits at a glance

WiCAR®: So small, so versatile



Uses car antennas for reliable, fast LTE data transmission



Creates strong WiFi connection both in and outside the car



Makes local and cloud-based data available



Allows for secure VPN access to media and documents



Enables GPS tracking and fleet management



Provides automatic software updates, security monitoring and remote access to vehicle data



Easy to retrofit, very compact and robust



Available for private or business use and technically extendable

Car connectivity redefined



Uses car antennas for reliable, fast LTE data transmission

- **Multiple standard connections for professional car antennas**
- **Performance benefits compared with mobile devices**
 - Higher range
 - Faster data transmission
 - Better connection to mobile network
 - Lower radiation in vehicle interior
- **Connection to mobile network through high performance LTE modem**
- **Second LTE modem for regions with poor network coverage**
(combination of two mobile operators)*
- **Upgrade to LTE Advanced for more bandwidth**



Makes local and cloud-based data available

- **Media and documents can be saved and opened locally**
 - Videos, audio books, handbooks and much more are permanently available
 - Data can be used by several users simultaneously
 - Highly stable data transmission
 - Saves data volume
- **Moreover online access to**
 - Information on the Internet
 - Media libraries like ARD, ZDF, TV Now and SAT 1
 - Streaming portals like Netflix, Amazon Prime, Joyn, Sky Ticket and Disney Plus
- **Access to audiovisual media enables comprehensive onboard entertainment**



Creates strong WiFi connection both in and outside the car

- **Reliable WiFi via single and multiple antenna technology**
(SISO or MIMO respectively)
- **Car passengers can access WiFi inside the car anytime**
(incl. guest access)
- **Campers benefit on their parking lot from WiFi inside and outside the vehicle**
- **On construction sites outdoor WiFi can be established**



Allows for secure VPN access to media and documents

- **At home on the road**
 - Establishes encrypted connection to home network
 - Allows retrieval of private data
 - Provides access to smart home applications
- **Mobile work**
 - Establishes encrypted connection to corporate network
 - Allows retrieval of business data
- **Uses the most common standards for secure remote access**
 - OpenVPN
 - IPSec (needed to access e.g. a FRITZ!Box)
- **Additional security via integrated firewall**

* WiCAR® 9005.01

Car connectivity redefined



Enables GPS tracking and fleet management

- **Single vehicles or whole fleets can be managed conveniently via an online portal (MyWiCAR®)**
 - Shows current position
 - Visualises and documents travelled routes
 - Sends alarm and status messages on request
 - Shows connection quality
 - Can be personalised
- **Access to personal MyWiCAR® portal via computer, tablet or smartphone**
- **Portal can be hosted in own network or used as cloud solution**
- **GPS tracking can be deactivated upon request**



Provides automatic software updates, security monitoring and remote access to vehicle data

- **WiCAR® software is being updated automatically (over-the-air)**
- **Provides security functions such as door contact and battery monitoring and individually configurable wake-up function with status report**
- **Retrieves vehicle diagnostic data over the so-called CAN bus interface and sends them automatically to the MyWiCAR® portal***
- **Makes current and historic vehicle data available in the MyWiCAR® portal***
 - Speed
 - Rational speed
 - Coolant temperature
 - Vehicle identification number (VIN)
 - And much more

* At extra cost



Easy to retrofit, very compact and robust

- **Easy to retrofit**
 - Can be installed in all types of vehicles retroactively
 - Delivered with flexible mounting kit
- **Very compact**
 - Is smaller than a pocketbook
 - Weighs less than a 10-inch tablet
- **Very robust**
 - Made of high-quality components for maximum reliability
 - Works reliably at temperatures ranging from -40 °C to +80 °C
 - Has a fail-safe operating system



Available for private or business use and technically extendable

- **Specially designed and approved for vehicles**
 - Passenger cars
 - Motor and trailer caravans
 - Trucks and small vans
 - Police and fire-brigade vehicles
 - Rescue services
 - Municipal administration vehicles
 - And much more
- **Different product lines for various needs**
- **Technically extendable and future-proof**
 - Memory expansion via USB and MicroSD
 - Upgrade to LTE Advanced
 - Upgrade to 5G*

* At extra cost



WiCAR® application caravans

The digital revolution in vehicles

■ Benefits WiCAR®:

- Best LTE reception
- Powerful WiFi in and outside the vehicle
- Online and offline streaming
- Secure data retrieval via VPN
- Itinerary documentation
- Security monitoring (WiCAR® 9004.02)
- Temperature range -40 °C to +80 °C
- Weight 440 g
- Easy to retrofit

■ Recommended WiCAR® products:

- WiCAR® 9004.02
- WiCAR® 9005.01

■ Recommended ATTB accessories:

- Internal antenna (4198.xx)
- External antenna (4736.xx)
- Glass mount indoor antenna (4579.xx)



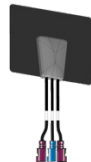
WiCAR®



Internal antenna



Configuration external antenna



Configuration glass mount indoor antenna



Entertainment: TV, media libraries and streaming portals



WiFi: Surfing and streaming in and outside the caravan



VPN: Mobile office and access to home network



GPS: Viewing of travelled routes (MyWiCAR® portal)



SAT>IP: Connect and watch on all devices



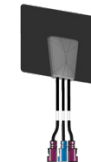
WiCAR®



Internal antenna



Configuration external antenna



Configuration glass mount indoor antenna



Robustness: Fail-proof due to high-quality components



Installation: Easy to retrofit



VPN: Secure connection to headquarters



Fleet management: Operational planning and tracking



Ethernet: Connector for surveillance recorder, etc.



WiCAR® application security forces

Always reliably connected

■ Benefits WiCAR®:

- Best LTE reception
- Secure VPN connection into headquarters
- Location of emergency vehicles (optional)
- Ethernet connection
- Security monitoring (WiCAR® 9004.01 + WiCAR® 9005.01)
- Temperature range -40 °C to +80 °C
- Robust, easy to retrofit
- Technically extendable and future-proof

■ Recommended WiCAR® products:

- WiCAR® 9005.01

■ Recommended ATTB accessories:

- Internal antenna (4198.xx)
- External antenna (4736.xx)
- Glass mount indoor antenna (4579.xx)



WiCAR® application vans

Next generation car connectivity

■ Benefits WiCAR®:

- Best LTE reception
- Powerful WiFi in and outside the vehicle
- Secure VPN data retrieval
- Tracking and fleet management
- Security monitoring (WiCAR® 9004.01, WiCAR® 9004.02 + WiCAR® 9005.01)
- 10-48 V DC input voltage
- Temperature range -40 °C to +80 °C
- Weight 440 g
- Easy to retrofit

■ Recommended WiCAR® products:

- WiCAR® 9004.02
- WiCAR® 9005.01

■ Recommended ATTB accessories:

- Internal antenna (4198.xx)
- External antenna (4736.xx)
- Glass mount indoor antenna (4579.xx)



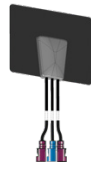
WiCAR®



Internal antenna



Configuration external antenna



Configuration glass mount indoor antenna



GPS: Tracking and fleet management



VPN: Secure connection to headquarters



Input voltage: 10-48 V DC



Robustness: Fail-proof due to high-quality components



Installation: Easy to retrofit



WiCAR® application passenger cars

Connectivity without compromises

■ Benefits WiCAR®:

- Best LTE reception
- Powerful WiFi in and outside the vehicle
- Online and offline streaming
- Secure VPN data retrieval
- Route documentation
- Security monitoring (WiCAR® 9004.02, WiCAR® 9005.01 + WiCAR® 9006.01)
- Temperature range -40 °C to +80 °C
- Weight 440 g
- Compact, easy to retrofit

■ Recommended WiCAR® products:

- WiCAR® 9004.02
- WiCAR® 9005.01

■ Recommended ATTB accessories:

- Internal antenna (4198.xx)
- Glass mount indoor antenna (4579.xx)



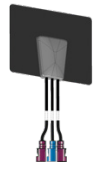
WiCAR®



Internal antenna



Configuration external antenna



Configuration glass mount indoor antenna



Offline Streaming: Retrieval of data saved locally



Entertainment: TV, media libraries and streaming portals



WiFi: Surfing and streaming in and outside the car



VPN: Mobile office and access to home network



GPS: Viewing of travelled routes (MyWiCAR® portal)

The WiCAR® product family

Art. Nr.	Drive 9004.02	Drive 9005.01
SIM-Karten	1	2
Down-/Upload-Geschwindigkeit	150/50 Mbit/s	2 x 150/2 x 50 Mbit/s
GSM-/Edge-Fallback	Yes	Yes
WiFi Standards	a, b, g, n	a, b, g, n
WiFi Antennen	2 x 2 MIMO	2 x 2 MIMO
Sicherheitsüberwachung	Yes	Yes
Ethernet	Yes	Yes
Micro SD	Yes	Yes
Speicher	8 GB	8 GB
Gehäuse	Aluminium	Aluminium
LED-Anzeigen	4	4
Erweiterbar	Yes	Yes



You have more questions?

We will gladly be at your disposal

You will find all relevant information about WiCAR® on our website. Such as frequently asked questions, WiCAR® data sheets with detailed technical information or the WiCAR® handbook. You can also send us an email.

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