

# OMNICOMM ONBOARD TERMINALS

- **Versatility** – Omnicomm onboard terminals can be installed on any type of vehicles
- **Functionality** – monitoring of all vehicle parameters to meet the most specific customer needs
- **Efficiency** – substantial maintenance cost savings
- **Reliability** – onboard terminals in ruggedized casings
- **Open protocols** – support of both inhouse and third-party software
- **Onsite or remote training of the customer's equipment service professionals**
- **Special price offers and partnership terms**
- **Lifetime warranty**



## Omnicomm Profi

Extended functionality for auxiliary equipment control in - complex projects.

- Ruggedized case protecting against external impacts
- Connectors protected using caps and corrugated hoses
- Terminal tamper sensor
- Support of simultaneous SIM card and SIM chip operation
- CAN bus connection
- Built-in voice communication amplifier
- USB configuration interface
- RS-232 and RS-485 interfaces for connecting additional devices
- 1-wire interface for driver identity control and temperature sensors
- 4 universal inputs for sensors
- 2 universal inputs operating in "pulse" and "frequency" modes
- 2 programmable outputs for operating mechanisms
- Connection of up to six digital LLS sensors or up to four frequency LLS-AF sensors



## Omnicomm Profi Wi-Fi

Omnicomm Profi Wi-Fi terminals are designed for a wide range of fleet management needs in areas with no GSM network coverage/GSM network coverage.

- Data transmission to monitoring systems via Wi-Fi
- Omnicomm Profi Wi-Fi connection diagrams are compatible with Omnicomm Profi
- Special design for demanding operation conditions
- Tamper sensor
- SIM card warming
- Enhanced opportunities for auxiliary equipment
- More interfaces are available
- Integrated battery
- Data transmission to multiple monitoring systems



## Omnicomm Optim

Best value for money.

- Highly reliable and secure casing
- Internal slot for a second SIM card
- Support of two SIM cards or one SIM card and one SIM chip
- Micro SD slot, support of micro SD cards up to 32 Gb
- CAN bus connection
- Two-way voice communication
- USB configuration interface
- 2xRS-232 and RS-485 interfaces for connecting additional devices
- 1-wire interface for driver identity control and temperature sensors
- 4 universal inputs for sensors
- 2 programmable outputs for operating mechanisms
- Connection of up to six digital LLS sensors or up to four frequency LLS-AF sensors



## Omnicomm Light

Affordable solution for mass applications.

- Highly reliable and secure casing
- Built-in GSM and GLONASS/GPS antennas
- CAN bus connection
- USB configuration interface
- RS-485 interface for connecting additional devices
- 2 universal inputs for sensors
- 1 programmable output for operating mechanisms
- Connection of up to two digital LLS sensors or an LLS-AF analog sensor

# Onboard terminals comparison table

	Omnicom Profi/Profi Wi-Fi	Omnicom Optim	Omnicom Light
<b>Inputs and outputs</b>			
Ignition key	+	+	+
Panic button input	+	+	—*
Onboard RPM sensor	+	+	—
Universal input	6 inputs	4 inputs	2 inputs
CAN bus connection	+	+	+
RS-485 interface	+	+	+
RS-232 interface	+	+ (2 interfaces)	—
Voice communication	+	+	—
USB configuration interface	+	+	+
1-wire temperature sensors	+	+	—
iButton driver ID device	+	+	—
Programmable outputs	2 outputs	2 outputs	1 output
<b>Features</b>			
Dual-system GLONASS/GPS receiver	+	+	+
Data transmission channel	GPRS/GPRS & Wi-Fi**	GPRS	GPRS
Backup battery, mAh	1,400	1,400	1,400
Built-in accelerometer	+	+	+
Remote control	+	+	+
Number of SIM cards	1 (2 with SIM chip)	2	1
SIM chip mounted on the circuit board	+	+	—
Stabilized power supply for sensors	+	—	—
Connectors covered with a lid	+	—	—
Casing tamper sensor	+	—	—
SD card for photos and archives	—	+	—
Photo capturing upon event	+	+	—
<b>General specs</b>			
Supply voltage	7 - 65 V	7 - 65 V	7 - 65 V
Overvoltage and reverse polarity protection	+	+	+
Non-volatile memory size	150,000 events	150,000 events	150,000 events
Dimensions	116x98x34 mm	90x80x30 mm	90x80x30 mm
Antenas GPS/GLONASS	external	external	internal

\* universal input connection possible

\*\* for Omnicomm Profi Wi-Fi

## About the company

**Omnicom** is international hi-tech industrial company, one of the leading developers and manufacturers of brand-name Omnicomm GLONASS/GPS-enabled satellite vehicle monitoring systems and Omnicomm LLS fuel level sensors.

The company runs its own analytical, research, and training centers. Omnicomm ships products to customers in Russia, the CIS, and over 108 countries worldwide. The company's management system is certified for compliance with ISO 9001:2008. The company has been on the market since 1998.

**OMN*i*COMM**  
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 TELEMATICS SOLUTIONS

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