



MYT-BBCloud Opt 2G



New generation of the terminals

Base Block is a new generation of the terminals, appeared due to development of the most popular range of Galileosky devices. It is aimed at resolving a broad variety of tasks in transport monitoring area, thanks to Easy Logic functionality. Besides, Base Block has a low level of power consumption and a compact autonomous body.

Opportunities to connect additional devices

- 1-Wire
- RFID readers
- iButton keys DS1990, DS1982
- Thermometers DS18S20 (DS1820, DS18B20) and/or temperature and humidity sensors DS1923
- CAN
- Support of CAN-bus protocol - J1939 (FMS, Scanner, User_29bit, User_11bit)
- Support of CAN-bus protocol - J1979 (Scanner, User_29bit, User_11bit)
- RS232
- Digital fuel level sensors
- CAN-LOG
- Weight indicators AWT640, CI5010A, WinScale Dinamica Generale, Tenzo-M TV-003/05M, GRAINScale, MIDL MI VDA12RYa
- CUB5B indicator
- Trimble course indicator
- GARMIN navigator
- ThermoKing, Euroscan and Carrier DataCold refrigeration units
- PCS Pressure Pro
- Electrical meter REP-500
- GalileoSky camera
- Tachograph Atol Drive 5
- PCS Pressure Pro Pulse
- PCS TPMS
- Tachograph Continental VDO (DTCO 3283, DTCO 1381)
- RS485
- Eurosens Delta
- UHF RFID Reader

- Tachograph SHTRIH-TahoRUS
- Tachograph Mercury TA-001
- MS SENS
- RFID reader Matrix 5
- Digital fuel level sensor
- GalileoSky camera
- Dosimeter DBG-S11D
- DAI
- Analog-frequency fuel level sensors
- Pulse flowmeters
- Passengers flow registration sensors
- Analog emergency button Passengers flow registration sensors
- Analog emergency button

Specifications

General	Galileosky Base Block Optimum
GLONASS/GPS unit	Yes
Iridium satellite unit	No
Bluetooth	No
GSM-modem	GSM 850/900/1800/1900
Types of aerials (GLONASS/GPS, GSM)	External
Data transmission channel	GPRS/SMS
Cold start	25
Hot start	1
Coordinates determination accuracy	5 m
Support of 2G	Yes
Support of 3G	No
Support of Wi-Fi	No

Internal memory capacity (Mb)	2/16
Maximum number of points in the internal memory	450000
External memory capacity (Gb)	32
Number of slots for SIM-cards	1
Availability of an input for micro-SD card	Yes
Opportunity to install a SIM-chip	Yes
Interface of connection with PC	USB 2.0
Digital interfaces	CAN, RS232, RS485, USB, 1-Wire
ADC resolution	16
Inputs & Outputs	
Number of analog inputs	4
Number of transistor outputs	2
Number of RS232 digital inputs	2
Number of RS485 digital inputs	1
Availability of 1-Wire digital input	Yes
Availability of Jack 3,5 input for speaker	No
Availability of Jack 3,5 input for loud speaker	No
Availability of Jack 2,5 input for loud speaker	No
Functions	
Opportunity to change settings via SMS	Yes
Maximum number of cameras/RS232	2
Maximum number of cameras/RS485	1
Maximum number of FLS/RS485	16

Maximum number of FLS/RS232	2
Number of passengers flow registration sensors	8
Internal battery	Yes
Voice communication	Yes
Opportunity to connect KMC-25 Push-to-talk or a compatible one	Yes
Availability of accelerometer	Yes
Availability of gyroscope	No
Case	
Intense connector	No
Intrusion sensor	No
Body material	Metal, plastic
Ingress protection rating	IP54
Weight	150 g
Dimensions	80*71*28 mm
Service life	10 years
Internal battery service life	500 charge/discharge cycles, not more than 3 years
Operating temperature range	-40 ...+ 85 C
Power supply	
Average consumed power	0,54 W
Built-in battery	Li-Ion, 600 mA
Power supply voltage	9-39 V
Voltage range of DAI	0-33 V
Maximum measured frequency of DAI	4 kHz
Maximum voltage supply for the terminal output	30 V
Maximum current supply for the terminal output	80 mA