



MYT-V4.0 Iridium/2G



Data transmission via Iridium satellite communication

In addition to the traditional GSM-modem, the device is equipped with IRIDIUM satellite unit that allows you to transmit coordinates even without cellular network. It also provides the most accurate data about the object location.

Echelle 1:50 000 000

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)
- CAN-LOG
- Tachograph Continental VDO (DTCO 3283, DTCO 1381) (algorithm)
- 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

Specifications

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|---|--------------------------|
| General | Galileosky v 4.0 |
| GLONASS/GPS unit | Yes |
| Iridium satellite unit | Yes |
| Bluetooth | No |
| GSM-modem | GSM 900/1800 |
| 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 | 58000/450000 |
| External memory capacity (Gb) | 32 |
| Number of slots for SIM-cards | 2 |
| Availability of an input for micro-SD card | Yes |
| Opportunity to install a SIM-chip | No |
| Interface of connection with PC | USB 2.0 |
| Digital interfaces | 1-Wire, CAN, USB, RS-485 |
| ADC resolution | 10 |
| Inputs & Outputs | |
| Number of analog inputs | 6 |

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| Number of transistor outputs | 4 |
| Number of RS232 digital inputs | - |
| 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 | - |
| Maximum number of cameras/RS485 | 1 |
| Maximum number of FLS/RS485 | 16 |
| Maximum number of FLS/RS232 | - |
| Number of passengers flow registration sensors | 12 |
| Internal battery | Yes |
| Voice communication | Yes |
| Opportunity to connect KMC-25 Push-to-talk or a compatible one | No |
| Availability of accelerometer | Yes |
| Availability of gyroscope | No |
| Case | |
| Intense connector | Yes |
| Intrusion sensor | No |
| Body material | Metal |
| Ingress protection rating | - |

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|--|---|
| Weight | 300 g |
| Dimensions | 157*72*28 mm |
| Life time | |
| Warranty period | - |
| Service life | 10 years |
| Internal battery service life | 500 charge/discharge cycles, not more than 2 years |
| Operating temperature range | -40 ...+ 85 C |
| Power supply | |
| Average consumed power | 1,5 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 |

