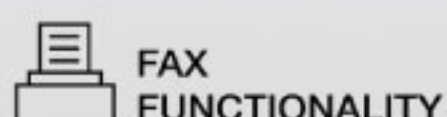# iRZ MG Terminal

MG Terminal is a dual-band (900/1800 MHz) GSM-modem, designed for receiving and transmitting data over cellular network. The modem has standard interfaces such as serial port (RS232), audio interface (TJ-4P4C), as well as TJ6-6P6C plug for supply. Among key features are data transmission by CSD technology, as well as support for voice transmission, fax and SMS messages. Modem can be controlled by standard AT-commands. **MG Terminal** is intended for use in systems of automatic data collection from heat or electricity meters, payment terminals, and other systems that require wireless data transmission.

DUAL-BAND

GSM

INDUSTRIAL INTERFACES

FAX FUNCTIONALITY

EXTENDED TEMPERATURE RANGE

Frequency ranges:
GSM 900/1800 MHz;

Control by AT-commands (Hayes 3GPP TS 27.007, TS 27.005);
Toolkit for SIM-applications;

Timer restart function is realized;
Supply voltage range: 9 V ... 28 V;
Supply current, not more than:
• At supply voltage 12 V - 200 mA;
• At supply voltage 24 V - 100 mA;

Specification:
• **SMS:** MT, MO, CB, Text and PDU modes;
• CSD up to 14.4 kbps;
• USSD;
• **Fax group 3:** class 1;
Voice communication:
• HR/FR/EFR/AMR speech coding;
• Hands-free base operations;
• Noise reduction function, echo suppression;

Interfaces:
• Connector DB9 for data cable connection (interface RS232);
• Connector FME for GSM antenna connection;
• Connector TJ4-6P4C for audio interface connection;
• Connector TJ6-6P6C for power supply connection;

Plastic housing;
Dimension, not more than: 69 x 74 x 33 mm;
Weight not more than: 100 g;
Operating temperature range: -40°C ... +65°C;

iRZ MG Terminal