












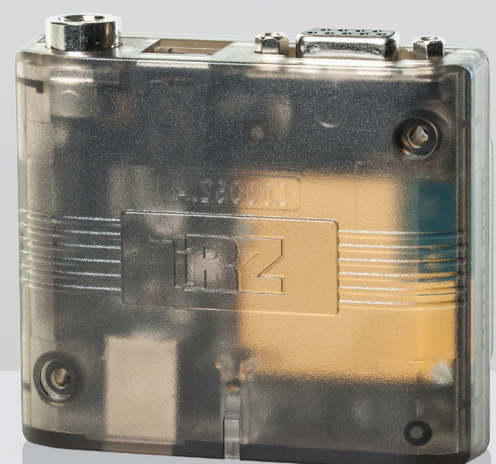


iRZ ES75iT

ES75iT is a quad-band (850/900/1800/1900 MHz) GSM modem intended for data transmission via cellular communication networks. It supports EDGE/GPRS (class 12) and TCP/IP protocol stack. The modem is available with several standard interfaces: RS232 serial port, USB connector of type B (USB 2.0), TJ6-6P6C power connector. The main functions include: data transmission by use of 2.5G technology, as well as reception and transmission of faxes and SMS-messages.

ES75iT has a watchdog timer with the reboot condition setting system. Programming mode and menu mode can be used for updating software file or change operating parameters. The modem is controlled by standard AT-commands. **ES75iT** is designed to operate in telemetering and telemechanic systems, automatic data collecting systems, in vending sale systems, automatic payment machines, as well as in other systems with wireless data transmission.

	QUAD-BAND		GSM		GPRS CLASS 12
	EDGE CLASS 12		TCP/IP CONNECTIVITY		USB
	INDUSTRIAL INTERFACES		WATCHDOG TIMER		FAX FUNCTIONALITY
	SIM ACCESS PROFILE		EXTENDED TEMPERATURE RANGE		



Frequency bands:

- 850/900/1800/1900 MHz
- EDGE class 12
- GPRS class 12
- TCP/IP stack

Specification:

- EDGE class 12 – up to 236.8 kbps
- GPRS class 12 – up to 85.6 kbps
- MS class B
- SMS: MT, MO, CB, Text and PDU modes
- CSD up to 14.4 kbps
- USSD
- Fax group 3: class 1

Features:

- Available network protocols: TCP, UDP, HTTP, FTP, SMTP, POP3
- Intellectual watchdog timer
- Several options for restarting
- Hibernation mode
- Track and display freezes and emergencies
- USB Extension Cable
- Timer restart function is realized

Connectors and interfaces:

- Connector DB9 for data cable connection (interface RS232)
- Connector FME for GSM antenna connection
- USB 2.0 (type B)
- Connector TJ6-6P6C for power supply connection

Electrical characteristics:

Voltage: 9 V ... 28 V

Supply current not more than:

- At 12 V supply voltage - 200 mA
- At 24 V supply voltage - 100 mA

Physical characteristics:

- Plastic housing
- Dimension not more than: 69 x 75 x 26 mm
- Weight not more than: 105 g
- Operating temperature range: -30°C to +60°C

