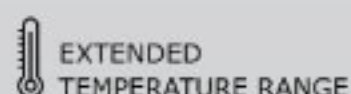
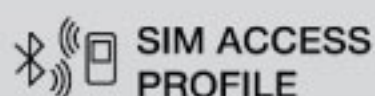
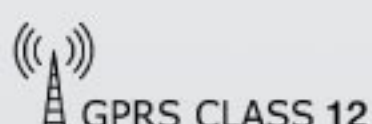




iRZ ES90i, ES90U

ES90i, ES90U - is a five-band (850/900/1800/1900/2100 MHz) GSM-modems, designed for reception and transmission data by cellular network. Supports 2G-3G: UMTS/HSUPA/HSDPA/EDGE/GPRS. The modem has standard interfaces: serial port (RS232) and USB type B (USB 2.0) as well as TJ6-6P6C plug for power supply. Among key features are data transmission by 3G technology, as well as support for fax and SMS messages. **ES90i(U)** is equipped with the watchdog timer with flexible restart modes. Modem can be controlled by standard AT-commands. There are two service modes: programming mode to upgrade firmware, and menu mode to change settings of the modem. The modem has two LEDs to indicate operation mode or emergency situation. **ES90i(U)** is intended for use in systems of telemetry and telemechanics, automatic data collection, payment terminals, vending machines, and other systems that require wireless data transmission using 3G technology.



Frequency ranges: <ul style="list-style-type: none"> • HSUPA/HSDPA/UMTS 2100/1900/850 MHz; • GSM/GPRS/EDGE 850/900/1800/1900 MHz; 	Supply voltage range: 9 V ... 28 V; Supply current, not more than: <ul style="list-style-type: none"> • At supply voltage 12 V - 200 mA; • At supply voltage 24 V - 100 mA;
Intellectual watchdog timer; Several options for restarting; Hibernation mode; Track and display freezes and emergencies; USB Extension Cable; Multiplatform support: <ul style="list-style-type: none"> • Windows 2000 / XP / VISTA / LINUX; 	
Specification: <ul style="list-style-type: none"> • HSDPA data – up to 7.2 mbps; • HSUPA data – up to 5.76 mbps; • UMTS PS - up to 384 kbps; • 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; 	Interfaces: <ul style="list-style-type: none"> • Connector DB9 for data cable connection (interface RS232); • Connector SMA for GSM antenna connection; • USB-B USB 2.0; • Connector TJ6-6P6Cfor power supply connection; • Indicator LED;
	Aluminum housing; Dimension, not more than: 76 x 53 x 30 mm; Weight not more than: 100 g; Operating temperature range: -20°C ... +65°C;

iRZ ES90i, ES90U

