



EDGE router ER75i interconnects large variety of equipment into Internet or intranet. Namely computers, controlling systems or LAN networks.



It is possible to connect any equipment with ethernet interface and due to optional port 1 (delivered on request of customer) also equipment with interface RS232/RS485/MBUS (ATM, industrial metering devices, GPS etc.). You can also order inputs/outputs (I/O) on port 1.

.: EDGE technology

Because of advanced EDGE technology is communication speed 236 Kb/s. There is not problem to transfer for example pictures from cameras (traffic, crossroads cameras, security cameras, problematic spots in towns etc.).

If EDGE technology is not available, ER75i communicates in slower GSM/GPRS system – speed up to 85,6 Kb/s.

.: Easy to use

EDGE router ER75i is easy to use. Very important is user friendly configuration environment via web browser (HTTP) that is protected by password. It is also possible to use SNMP protocol for diagnostics, MBUS or I/O port reading.

Interesting feature is also SMS remote controlling from mobile phone – for example on/off connection.





... ER75i

.: GSM module	Siemens MC75
.: frequency bands	EGSM850 EGSM900 GSM1800 GSM1900
.: interface	Ethernet (10/100 Mbit/s) USB 2.0 – connector USB–B on request RS232/RS485/ M–BUS or inputs/outputs (I/O)
.: comply standards	3GPP TS 51.010.– 1,v5.10.0 EN 301 511, v9.0.2 EN 55022:1998, A1:2000, A2, Cor:2003 EN ISO/IEC 17025 EN 60 950:2001
.: GPRS multislots	class 12
.: EDGE multislots	class 10
.: mobile station	class B
.: temperature range	–20 °C to +55 °C
.: power supply	10 V to 30 V DC
.: dimensions	30x90x102 mm (DIN ledge 35 mm)
.: weight	140 g
.: antenna connector	FME – 50 Ohm
.: consumption	up to 3,5 W (for EDGE)
.: output power	
Class 4 (2W)	EGSM850
Class 4 (2W)	EGSM900
Class 1 (1W)	GSM1800
Class 1 (1W)	GSM1900

.: ER75i supports

- DHCP – automatic IP addressing in LAN network
- HTTP server – configuration via web server
- NAT – address translation between inside/outside networks
- SMS info – SMS following power or GPRS connection ON/OFF
- IPsec – secure (cryptated) connection to server in outside network
- L2TP – protocol of tunneling interconnection
- DynDNS – dynamic IP address support
- NTP – time synchronization
- GPRS state by LED signalization
- Online info on GSM signal level
- on request of customer port 2 – RS232/RS485/MBUS or I/O
- SNMP for diagnostics, MBUS or I/O port
- remote controlling via SMS (on/off connection etc.)

