WMOcean® communications

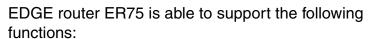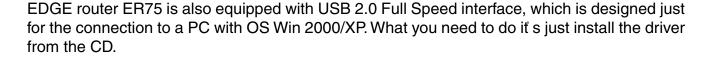## Description

The EDGE router ER75 is a compact electronic device based on MC75 module from SIEMENS, which handles data transmission via GSM, GPRS and EDGE technology.
EDGE router ER75 is a router with Ethernet interface, which allows the connection of the PC or LAN in to Internet/Intranet via GSM/GPRS infrastructure.

EDGE router ER75 can be adjustable in several modes (please see the pictures):

- Router - remote interconnection between the PC or LAN and Internet or Intranet
- Bridge - remote interconnection between the Server and Internet or Intranet
- GRE Tunnel - remote interconnection between the PC, Control systems or LANs

EDGE router ER75 is able to support the following functions:

- DHCP: automatic IP addresses allocation
- HTTP server: for remote configuration via web interface
- NAT: address translation

EDGE router ER75 is also equipped with USB 2.0 Full Speed interface, which is designed just for the connection to a PC with OS Win 2000/XP. What you need to do iťs just install the driver from the CD.

Technical characteristics

GSM modul	SIEMENS MC75
Standard	ETS 300 607-1
Specifications	EN 301419-1
	ETS 300 342-1
	EN 60 950
Frequency bands	EGSM850, EGSM900,
	GSM1800 a GSM1900
Broadcast Power	Class 4 (2W) for EGSM850
	Class 4 (2W) for EGSM900
	Class 1 (1W) for GSM 1800
	Class 1 (1 W) for GSM 1900
GPRS parameters	GPRS Multislot class 12
	E-GPRS Multislot class 10
	Mobile station class B

Temperature	-20°C up to +55 °C
	-40 °C up to +85 °C
Power supply	10 up to 30 V uniflow
Consumption	Up to 5W (při E-GPRS)
Dimensions	30x90x 1 02 mm
	(for DIN 35mm)
Weiht	150 g
Antennas	FME - 50 Ohm
	SMA - 50 Ohm
User interface	Ethernet - RJ45
	(10/100 Mbit/s)
	USB 2.0 - USB-B