



ETOR Ethernet Gateway





| 17,5 mm |

Product Code	Product Name	Product Description
601400	Etor-4	RS 485 to Ethernet bidirectional
601401	Etor-2	RS 232 to Ethernet bidirectional

- Can be operated in server or client mode
- Supports 6 different user's interrogation at the same time
- 64 devices can be connected
- Slimmest gateway in the market
- DIN Rail mount

ETOR 4 Ethernet –MODBUS Converter

ETOR series convert between MODBUS and Ethernet protocols and thus allow users to;

- Control and monitor the serial devices over the Internet or local network (server mode)
- Control and monitor the devices supporting Ethernet-based protocols via the serial interface (client mode)

It supports up to 6 remote connections. ETOR series can be configured via built-in USB port or built-in web server by using an Internet browser.

Technical Specifications

Supply	18-60V AC/DC and USB
	Reverse Connection Protection
Network Features	6 Remote Connections
	Configuration via Web Interface
	DHCP (Automatic IP Assignment)
	ARP
	Ping blocking
Serial Communication	Supports Up To 64 Devices
	Baudrate: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200
	Stop Bit and Parity Bit Settings
USB	Configuration via USB
	Micro USB Connection Interface
Supported Protocols	MODBUS RTU
	MODBUS ASCII
	MODBUS TCP
	MODBUS RTU via TCP
	MODBUS ASCII via TCP

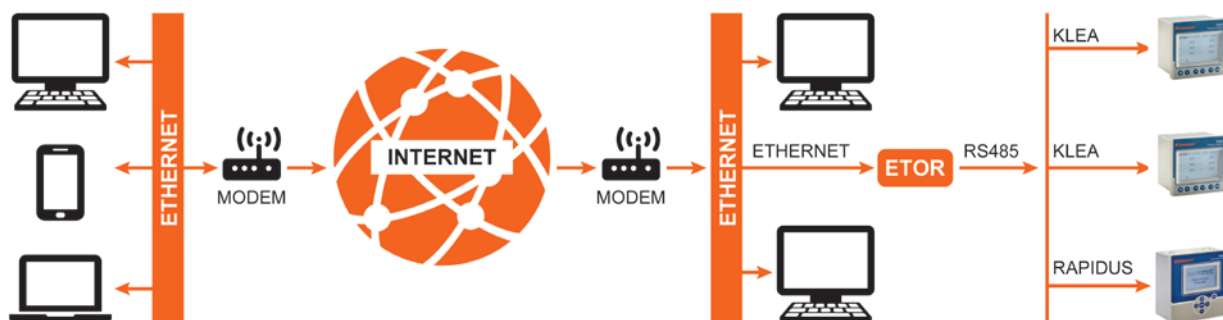
Protocol Conversions

ETOR is capable of performing conversions between the serial and Ethernet data by running in server or client modes.

Server Mode

When running in the server mode, ETOR converts the MODBUS TCP, MODBUS RTU over TCP and MODBUS ASCII over TCP queries to MODBUS RTU and MODBUS ASCII queries and transmits these queries to the serial devices. It converts the responses it receives to query protocols and transmits them to the querying device (master).

Query Side		Response Side	
Physical Port	Ethernet	Physical Port	Serial
Protocol	MODBUS TCP	Protocol	MODBUS RTU
	MODBUS RTU over TCP		MODBUS ASCII
	MODBUS ASCII overTCP		



Client Mode

When running in the client mode, ETOR converts the MODBUS RTU and MODBUS ASCII queries to MODBUS TCP, MODBUS RTU over TCP and MODBUS ASCII over TCP queries and transmits these queries to the remote devices connected to the Internet or the local network. The responses received from the devices, convert the query protocols and transmit them to the querying device (master).

Query Side		Response Side	
Physical Port	Serial	Physical Port	Ethernet
Protocol	MODBUS RTU	Protocol	MODBUS TCP
	MODBUS ASCII		MODBUS RTU over TCP
			MODBUS ASCII over TCP