



Direct access to your energy measurements from anywhere with **ETMO Modems**



## ETMO Modem Series

85-265 VAC/DC Supply Voltage

Configurable via USB

Isolated  
Digital Input & Output

Direct Connection  
to EnerMedic

Meter Reading Feature  
(Virtual Serial Port)



## SPECIFICATIONS

	ETMO-10	ETMO-02	ETMO-02-DR
<b>SUPPLY</b>			
Power Supply	85-265 V AC/DC		
Power Consumption	<5 VA		
Frequency	50-60 Hz		
<b>COMMUNICATION</b>			
Ethernet	●	●	●
USB	●	●	●
RS-485	●	●	●
RS-232	●	●	-
Baud Rate	300, 600,1200,2400,4800,9600,19200,38400,57600,115200		
Stop Bit	1, 1.5, 2		
<b>COMMUNICATION PROTOCOLS</b>			
Modbus TCP	●	●	●
Modbus RTU	●	●	●
Transparan	●	-	-
Meter Reading (Virtual Serial Port)	●	-	-
Parity	Adjustable Odd/Even/None		
Serial Timeout	1 – 3600 s		
<b>RECORDS</b>			
Internal Memory (Log Record)	1 MB		
Time Clock Accuracy	±2 h/day		
<b>INPUTS AND OUTPUTS</b>			
Number of Digital Inputs	1		
Digital Input Voltage Range	0-30 V		
Number of Digital Outputs	1		
<b>ENCLOSURE</b>			
Dimensions	DIN-3 55x90x60 mm (width x length x height)		
Protection Class	Terminal: IP00, Box Protection Class: IP51, Front panel: IP40		
LEDs	STATUS, ETHERNET, GSM, DIN, DOUT		
Button	1 Reset Button		
Weight	160 g		
<b>CONNECTION</b>			
Mounting	Rail Mounting		
<b>TERMINAL STRUCTURE</b>			
Supply Terminal Cable Cross Section	2.5 mm <sup>2</sup>		
Digital Input Output Cable Section	2.5 mm <sup>2</sup>		
Communication Cable Cross Section	2.5 mm <sup>2</sup>		
<b>AMBIENT CONDITIONS</b>			
Operating Temperature	-25 - +70 °C		
Storage Temperature	-30 - +80 °C		
Maximum Ambient Humidity	95%, Non-Condensing		
<b>STANDARDS</b>			
Standards	EN 61000-4-2 EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11, EN 61000-3-2, EN 61000-3-3, EN 55022, EN 55024, EN 60068-2-1, EN 60068-2-2, EN 60068-2-6, EN 60068-2-30, EN 60068-2-31, EN 60529, EN 62262, EN 60950-1		

### HEADQUARTERS

Address: Dudullu OSB; 1. Cadde; No: 23 34776 Umraniye - ISTANBUL / TURKIYE Tel: +90 216 313 01 10 Fax: +90 216 314 16 15 Sales Fax: +90 216 365 71 71  
E-mail: contact@entes.eu Web: www.entes.eu Call Center Technical Support: 0850 888 84 25 Coordinates: 40,995852 N, 29,178398 E

### INTERNATIONAL BRANCH OFFICES

ISTANBUL : contact@entes.eu Tel: +90 216 313 01 10 Fax: +90 216 314 16 15  
INDIA : contact@entes.in Tel: +91 981 - 2980004  
GREECE : contact@entes.eu Tel: +30 2310 706999 +30 2310 707296  
GERMANY : kontakt@enteselektronik.com Tel: +49(0) 7022-931992-0

© ENTES Elektronik Cihazlar İmalat ve Ticaret A.Ş.

