MRTCP-IP
Ethernet & RS485 Communication Module

Technical Characteristics

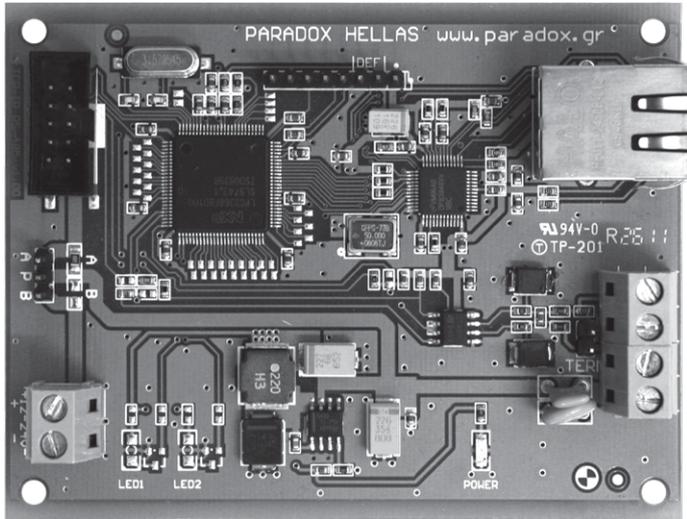| Power Supply	5 VDC
Max. module consumption	250mA
Connections	Ethernet, Serial RS485
Humidity	95% max.
Dimensions	7.4 x 9.7cm
Operating Temperature	From 0°C to 50°C (From 14°F to 122 °F)
Ethernet	
Ground isolation	Full galvanic isolation
Connector	RJ45
Ethernet type	10/100 Mbps
RS485	
Max. distance for repeater connection (twisted pair/UDP)	200 meters
VBB/- output of 485 port max. consumption	500mA **Attention! Confirm the ability to provide of Matrix2000 panel this current**
Indications - Optioning	
Power	Device is powered
TER	RS485 termination. Connects 120Ohm resistor with RS485 bus

The MRTCP-IP module connects directly to the main board of the Matrix 2000 panel. Provides full access and control of the panel either localy via RS485 serial connection to repeaters or via internet (TCP/IP) to any PC running the specially designed software ViewMatrix in real time.

Connecting the MRTCP-IP module reduces the maximum number of repeaters that can be connected to the panel Matrix2000 from 7 to 6.

The programming of communication parameters of the module is done through a specially designed software named "Matrix Network Utility" which can be found on our website www.paradox.gr.

⚠️ ***Do not connect/disconnect MRTCP/IP module if Matrix2000 panel is powered up***