ETH232AD

TCP/IP-SERIAL CONVERTER

PRODUCT OVERVIEW

ETH232AD is a serial interface that allows bidirectional transparent transmission between RS-232/422/485 and Ethernet. It includes a setting webpage for Ethernet and Serial customized settings. Along with ENM software, it represents a very versatile and cost effective serial interface controlled by customized user panels (UCP).

KEY FEATURES

- 3-in-1 RS-232/422/485 interface with 10/100 Mbps Ethernet port
- Supports 4- and 2-wire RS-422 with built-in terminator
- Supports 12-24 VDC power input
- Euroblock connections for RS-422/485 and DB-9 connections for RS-232
- Supports configuration via web browser
- Supports configuration store and copy for easy deployment
- Supports TCP Server/Client, UDP Server/Client operation modes
- CE, FCC,RoHS

APPLICATIONS

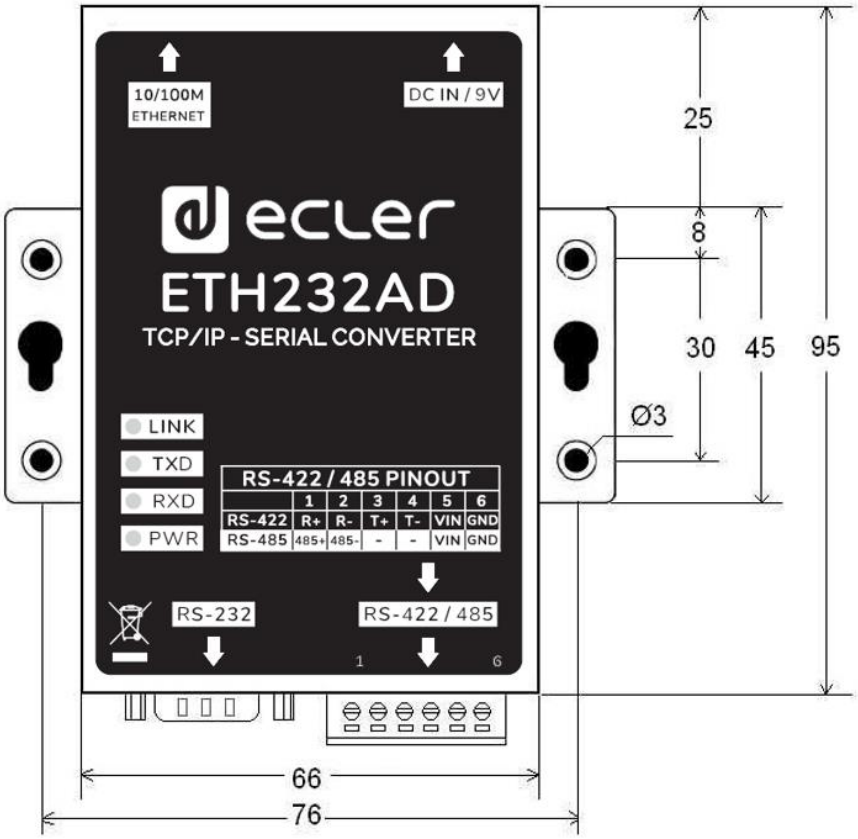
- Retail
- Hospitality
- Education
- Corporate
- Sports & Wellness
- Domotic Systems
- Smart buildings

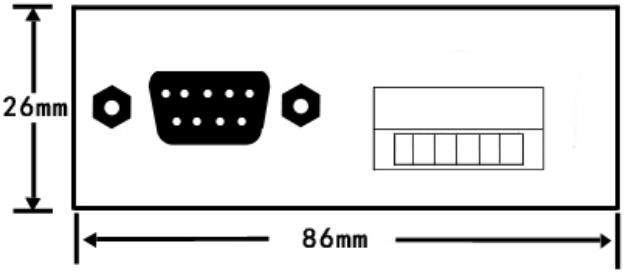
TECHNICAL SPECIFICATIONS

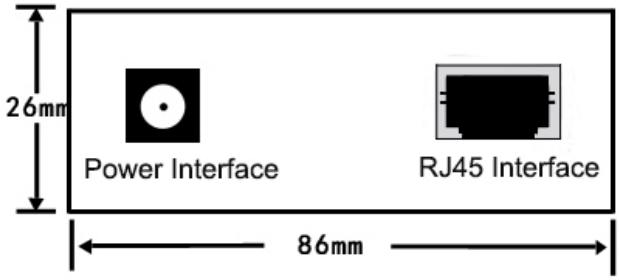
ETH232AD

Serial	
Interface Type	RS-232 RS-485/422
Data Rate	RS-232: 1200 - 115200 Kbps RS-485/422: 1200 - 921600 Kbps
Data Length	5,6,7,8 bits
Parity	Odd, Even, None
Stop Bits	1-2bits
Flow Control	None Software: Xon/Xoff, Hardware: RTS/CTS
Connectors	RS-232 DB-9 Male RS-485 6-pin Euroblock
Network Interface	
Interface type	Ethernet 10/100Mbps (Auto-Sensing)
Connector	8-pin RJ-45
System	
CPU	Embedding RISC CPU 100Mhz
Memory	32KB SRAM.512KB Flash memory
Software	
Network Protocols	TCP, UDP, DHCP Client, HTTP Server, DNS Client, Telnet
Configure Options	Web page
LED Indicators	
Link	10/100Base-TX Link & Activity Indicator
TXD	Data Transmitting from Eth to Serial Indicator
RXD	Data Receiving from Serial to Eth indicator
PWR	Power ON Indicator
Supply	
DC Supply	9-24VDC
Power Supply	9VDC 1A
Mains (using supplied DC adapter)	100-240AC 50-60Hz
Enviromental	
Operating Temperature	-25 ~ 70°C (-13 ~ 158°F)
Storage Temperature	-40 ~ 85°C (-40 ~ 185°F)
Ambient Humidity	5% to 95%(non-condensing)
Mechanical	
Dimensions (WxHxD)	Without ears: 100 × 67 × 26mm (3.94” × 2.64” × 1.02”) With ears: 100 × 86 × 26 mm (3.94” × 3.39” × 1.02”)
Weight	0.5kg / 1.10 lb.

MECHANICAL DIAGRAM







All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications

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