

## Serial to Ethernet Adaptor

EAD - 01 - 103 PB



EAD is a protocol converter which transmits the Serial Data sent by Equipment as TCP packets to the LAN / Network and converts back the TCP/IP data received from the LAN / Network as Serial data to the equipment. EAD also supports UDP Protocol for Broadcast applications.

EAD - 01, is a low cost Serial RS - 232 to Ethernet LAN 10 / 100 Mbps connectivity system using the TCP / IP protocol and is based on Coldfire High speed 32 - bit Microprocessor. EAD - 01 has built-in web server for configuration through Web browser and a factory default load switch to load the default configuration setting.

## Features & Specifications

Serial Interface	
Interface	RS 232, RS 485
Connector	9 Pin Female for RS 232, RS 485
Data Rates	300 to 115200 bps
Data Bits	7 or 8
Parity	Odd, Even and No parity
Stop Bits	1 or 2
Flow Control	NONE, XON/XOFF & RTS/CTS
Network Interface	
Interface	Ethernet 10Base-T or 100Base-TX Connector
Connectors	RJ 45 Female
Protocols	TCP, UDP, ARP, ICMP, MAC, Telnet, DHCP, HTTP. SNMP & MODBUS (Optional)
Indicators (LED)	
Red	Power ON
Yellow	Connection Status
Green	Data transmitting via serial
Yellow	Data is receiving from serial
Processor	
CPU	ARM Cortex M4
Memory	1 MB
Power	
Input	8 to 24 V DC
Environmental	
Operating	0 °C to 55 °C
Storage	-4 °C to 66 °C
Packaging	
Dimensions (LxWxH)	80 mm(L) x 50 mm(W) x 30 mm (H)
Weight	750 g
Warranty	12 Months

# Applications

- Access Management in hospitality with keyboard system.
- Patient monitoring.
- Card verification kiosks.
- Vending machine monitoring and control.
- UPS monitoring, windmill monitoring and control.
- Bar-code readers and printers, point of scale terminals.
- Attendance reading and access control systems.
- Moving digital display board and Video projector remote management.
- CNC machine control and Industrial Automation.
- Any other low data transfer connectivity requirements.
- Building Automation & Control.
- Industrial Automation.

**EAD - 01 - 103 PB**



**EAD - 01 - 103 PB**



Model Number	Description
EAD-01-103 PB	Serial to LAN converter Plastic box.

**Sparr Electronics Limited**

No.414A,7TH Main Road, 1st Block,HRBR Layout, Banaswadi, Bangalore - 560 043, INDIA.

**SPARR  
ELECTRONICS  
LIMITED**

Bangalore: +91-80-41278033, +91-80-23606308  
Mumbai: +91-22-26655375

For more details visit:

<http://www.sparrl.com> E-mail: [info@sparrl.com](mailto:info@sparrl.com)

\*Specifications subject to change without notice .All rights reserved.

SEL/MKTG/EAD-01-103PB/3/18