

Lanport V2

Ethernet - Seriport Interface



LanPort is a device that works as an ethernet-seriport interface. There are 3 module slots-which are isolated from each other- on the main board. All on the device against high voltage 6 RS485 and 3 RS232 ports, both protected and isolated exists. In addition to these, RF communication can be added optionally.

Thanks to the internal control software developed for LanPort V2, possible software errors are automatically eliminated and uninterrupted communication is ensured. While standard RS485 ports support up to 32 devices, each RS485 port on LanPort V2 allows communication up to 192 devices. Impedance problems in cabling infrastructures affect communications. Thanks to the advanced RS485 ports on LanPort V2, it can work despite bad cabling. Each RS485 port has 12kV direct contact ESD (Electro-Static Discharge) and 15kV air contact ESD resistance.

General Features

Ethernet Protocols	: UDP/TCP
Status Indicators	: 4 LEDs (Power, Connection, Software, Activity) and each Rx and Tx LEDs for a serial port
Internal Flash Memory	: 1MB
Internal SD Card Memory	: 4 GB (for storing communication data)
Dimensions (WxDxH)	: 167x108x26 mm (6.57"x4.25"x1.02")

Serial Port Communication Features

Port Types	: 3 x RS-232 and 6 x RS-485
Baudrate	: 1200 bps - 230400 bps (Default: 9600 bps)
Data Bits	: 5,6,7,8 (Default: 8 bits)
Stop Bits	: 1, 1.5, 2 (Default: 1 Stop bit)
Parity	: None, Even, Odd (Default: None)
FIFO	: 128 Bytes (RS-485), 255 Bytes (RS-232)

Electrical Supply and Connector Structure

Operating Voltage	: 8 VDC – 36 VDC
Operating Temperature Range	: -20°C to +50°C
Storage Temperature Range	: -30°C +60°C
Connectors	: 1 Unit Supply Socket 1 Piece RJ45 Socket 1 SD Card Slot 3 x 4 Rs-485 Connectors (Connected via 2 Ports Single Connector) 3 Rs232 Connectors Replaceable RTC Battery Holder BR 1225