

Power over Ethernet Device Server

Introduction:

PDS200 is an external usage PoE Device Server (Serial-to-Ethernet converter). It includes the function of GIGA-TMS's product DS203 (Device Server) and PS200 (Power over Ethernet Splitter). It can connect existing serial devices (RS232 or RS485) to Ethernet network and supplies DC12V or DC5V output voltage for the serial interfaced RS232 or RS485 devices. You can set the output signal to RS232 or RS485 by adjusting the DIP Switch that located at the bottom case of PDS200.

Features:

- ☆ **2 serial ports: RS232 and RS485**
- ☆ **DC12V or DC5V output for RS232 or RS485 devices**
- ☆ **Connect serial devices to Ethernet network**
- **Supports UDP, TCP, ARP, ICMP (ping), DHCP, PPPoE, LCP**
- **"On-the-fly" commands for immediate serial port communication**

Applications:

PDS200 is a ready-to-work serial –to-Ethernet converter that can connect almost any kind of serial device to Ethernet (TCP/IP) network and provide power supply by PoE for serial device.

Specifications:

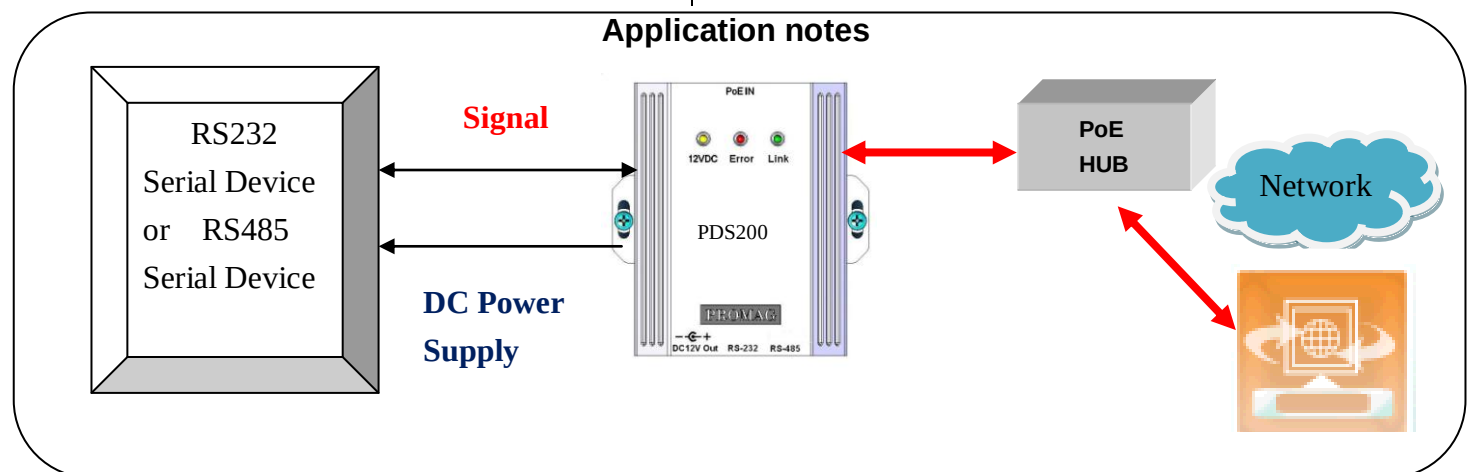
IEEE802.3af compliant	Compliant to all IEEE802.3af specifications. Presents class 0 PD to PSE
2 pair/4 pair power extraction	Extracts power from either data pair (1,2,3,6) or spare pair (4,5,7,8) or both pairs, PoE signature on any one pair
Ethernet connector	RJ-45 (PoE in), 10/100BaseT, auto-MDIX Ethernet port
RS232 Connector	RS232 mode: RX, TX, RTS,CTS, DTR lines, Default settings: 19200-N-8-1 (DIP Switch all OFF)
RS485 Connector	RS485 mode: RX+/-, TX+/-, automatic direction control, Default setting: 19200-N-8-1 (DIP Switch all ON)
DC12V Output (DC Jack) DC5V Output (4P connector)	12VDC, 660mA (Max), 5VDC, 240mA (Max) Internal circuit used partial power
Number of Device can be powered and connected	1
Ethernet cable	TIA/EIA-568, Category 5/5e cable
Dimension	W98 X L100 X H21 (mm)
Weight	150g
Operation temperature	0 ~ 50 degree C, 5%-90%RH.
Storage environment	-10-70 degree C, 5%~ 90% RH

Ordering information:

PDS200 PoE Device Server

※ Specification is subject to change without notice.

Application notes



We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration

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