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DS-715

Serial-to-Ethernet Device Servers

Introduction

DS-700 series is a Serial-to-Ethernet Device Servers designed to meet the most common requirements of Internet/Ethernet applications. Besides the advantage of easy to use on remote control your serial devices through Ethernet network.

DS-700 series is designed for linking RS-232/422/485 devices to Ethernet network. With the help of VxComm utility, the built-in COM port of DS-700 can be virtualized to standard COM port of host-PC. By virtue of its independent operating system, protocol independence, small size and flexibility, Device servers are able to meet the demand of virtually any network-enable application. Most devices don't have network ports. Our Device Servers allow those devices to become connected to the network.

- Networkable serial devices
- "Virtual COM" extend COM ports
- Supports Virtual COM on Windows NT 4.0, 2000/XP/2003 and Vista32
- Powerful device server
- Watchdog timer suitable for use in harsh environments
- Power reverse polarity protection
- Serial port +/-4 kV ESD protection circuit
- Self-tuner ASIC controller on RS-485 port
- RoHS compliant with No Halogen
- Built-in MiniOS7
- ODM Wanted
- 10/100 Base-TX, RJ-45 port (Auto-negotiating, auto MDI/MDI-X, LED indicator)

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Specifications

CPU	
CPU	80186-80 MHz or compatible
SRAM	512 KB
Flash Memory	Flash ROM: 512 KB
EEPROM	16 KB; Data return: 40 years.
Built-in Watchdog Timer	Yes
Communication Interface	
COM1	RS-422(TXD+, TXD-, RXD+, RXD-) / RS-485(D2+,D2-); Isolation
Ethernet Port	10/100 Base-TX, RJ-45 port (Auto-negotiating, auto MDI/MDI-X, LED indicator)
COM Port Formats	
Data Bit	7, 8: for COM1
Parity	None, Even, Odd, Mark, Space
Stop Bit	1: for COM1
Baud Rate	115200 bps Max.
Mounting	
Din Rail Mount	Yes
Wall Mount	Yes
LED Display	
System LED Indicator	Yes
Mechanism	
Flammability	Fire Retardant Materials (UL94-V0 Level)
Dimension (W x L x H)	123 mm x 72 mm x 33 mm
Operating Environment	
Operating Temperature	-25 ~ +75 °C
Storage Temperature	-40 ~ +80 °C
Power	
Protection	Power Reverse Polarity Protection
Required Supply Voltage	+12 ~ +48 V _{DC} (non-regulated)
Power Consumption	2 W

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Pin Assignment

