

HelloDevice Pro Series, PS100/200/400

Versatile Device Servers



PS100
Versatile Single-port
Serial Device Server



PS200
Versatile 2-port
Serial Device Server



PS400
Versatile 4-port
Serial Device Server

Features

- Connects legacy serial devices to 10Base-T Ethernet network
- Supports RS232/422/485 based serial devices via its DB9 serial port
- Serial data transfer rate up to 115Kbps
- Reliable TCP/IP protocol stack
- PPPoE protocol for DSL connection to broadband network
- Supports powerful Ethernet modem function
- Static key based 3DES data encryption
- Configuration via telnet or serial port
- Management software for configuration and administration included

The HelloDevice Pro Series is a versatile Serial-Ethernet communication device that makes your legacy serial devices manageable via industry-standard Ethernet network. Based on open network protocols such as TCP/IP and UDP, it gives you ultimate flexibility to your serial devices. With PPPoE(PPP-over-Ethernet) connection feature of the HelloDevice PS100, the RS232/422/485 serial devices could be managed over DSL-based broadband network.

You could easily configure and administrate the HelloDevice PS100, with the full-featured management functions of status monitor, remote reset, error log monitor and firmware upgrade by using Telnet and serial console port under the password protection support. In addition, IP address filtering function is provided to protect unintentional data streams to be transmitted to the HelloDevice PS100 and static key based 3DES data encryption to promise secure data communication.

Typical application areas of the HelloDevice PS100 are:

- Industrial Automation
- Network management
- Retail/Point of Sale
- Remote metering
- Remote display
- Building automation
- Security/Access control Systems
- General data acquisition application
- Medical Automation

The HelloDevice Pro Series gives you ideal remote management capability of control, monitoring, diagnosis and data gathering for RS232/422/485 serial devices over the internet

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The product specification is subject to change without prior notice.

HelloDevice Pro Series

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Specifications

	PS100	PS200	PS400
Serial Interface	One male DB9 serial port	Two male DB9 serial port	Four male DB9 serial port
	Serial speeds 1200bps to 115Kbps Flow Control: Hardware RTS/CTS		
	Signals: RS232: Rx, Tx, RTS, CTS, DTR, DSR, GND RS422: Rx+, Rx-, Tx+, Tx- RS485: Data+, Data-		
Network Interfaces	10 Base Ethernet with RJ45 Ethernet connector Supports static and dynamic IP address		
Protocols	ARP, IP/ICMP TCP, UDP Telnet DNS, SMTP DHCP client PPPoE		
Security	User ID & Password Data encryption: 3DES IP address filtering		
Management	Telnet Serial console port HelloDevice Manager		
	System log and statistics: Error log storage up to 100 messages Automatic email delivery of error log Full-featured system status display		
	Firmware Stored in Flash memory and download-able via serial console or telnet		

	PS100	PS200	PS400
Diagnostic LED	Power Ready 10 Base Link, Act Serial Rx/Tx for each serial port		
Power	5Supply voltage: 7.5V ~ 30V DC Supply current: 140mA (nom.)1.5A @ 5VDC		
Environmental	Operating temperature: 5 C to 50 C Storage temperature: -40 C to 66 C		
Physical properties	112 x 72 x 25 (mm) 4.4 x 3.2 x 1.0 (in.) Weight: 290g	135 x 80 x 25 (mm) 5.3 x 3.1 x 1.0 (in.) Weight: 290g	230x153x30 (mm) 9.0x6.0x1.2 (in.) Weight: 920g
Approvals	FCC(A), CE, MIC		
Warranty	5-year Limited Warranty		

Ordering Information

- PS100** HelloDevice Pro Single port Serial Device Server
PS200 HelloDevice Pro 2-port Serial Device Server
PS400 HelloDevice Pro 4-port Serial Device Server

Includes Quick Start Guide
CD-ROM
Serial data cable
External 110V or 230V power supply

PS100B Versatile Single-Port Serial-Ethernet Communication Board

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