

Serial Device Server, HelloDevice Lite Series, LS100/LS110



Features

- Connects legacy serial devices to 10Base-T Ethernet network
- Supports RS232 based serial devices via its DB9 serial port
- Serial data transfer rate up to 115Kbps
- Reliable TCP/IP protocol stack
- Low-price model for lowest transition cost
- Configuration via Telnet or serial port
- Management software for configuration and administration included
- Supports both wall and DIN-Rail style mounting
- Surge protector included. (LS110 only)
- Supports RFC 2217, Telnet COM Port Control Protocol. (LS110 only)

The HelloDevice Lite Series, LS100/LS110 is a cost effective Serial Device Server that makes your legacy serial devices manageable via industry-standard 10Base-T Ethernet network. Based on open network protocols such as TCP/IP, it gives you ultimate flexibility to your serial devices. The unique hardware and software design enables you to connect RS232 serial devices to Ethernet network at a minimal transition cost.

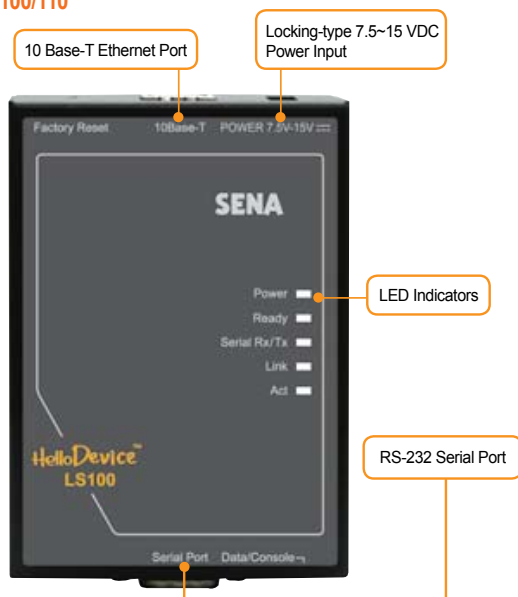
You could easily configure the HelloDevice LS100/LS110 by using Telnet or serial console port under the password protection support.

Typical application areas of the HelloDevice LS100/110 include:

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

Panel Layout

LS100/110



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Specifications

Serial Interface

- Male DB9 serial port
- Serial speed 1200bps to 115Kbps
- Flow Control: Hardware
- Signals
 - LS100
 - RS232: Rx, Tx, RTS, CTS, DTR, DSR, GND
 - LS110
 - RS232: Rx, Tx, RTS, CTS, DTR, DSR, GND, DCD

Network Interfaces

- 10Base-T Ethernet

Protocols

- LS100: ARP, IP/ICMP, TCP/IP, Telnet, DHCP client, PPPoE
- LS110: ARP, IP/ICMP, TCP/IP, Telnet, DHCP client, DNS

Security

- User ID & Password
- IP Address filtering (LS110 only)

Management

- Serial console port
- Telnet
- HelloDevice Manager software,
O/S support: Windows 98/Me/NT/2000/XP

Diagnostic LED

- Ready
- Link and Act for Ethernet
- Serial Rx/Tx
- Power

Power

- 7.5 ~ 15VDC, 300mA 7.5V

Environmental

- Operating temperature: 0°C ~ 50°C
- Storage temperature: -20°C ~ 66°C
- Humidity: 90% Non-condensing

Physical properties

- Dimension (L x W x H) and Weight
 - 100 x 72 x 25 (mm), 3.9 x 2.8 x 1.0 (in.), 240g

Certification

- FCC (A), CE, MIC

Warranty

- 5-year limited warranty

Ordering Information

LS100 HelloDevice Lite 100 single-port serial device server

LS110 HelloDevice Lite 110 single-port serial device server

Includes

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

Optional Accessories

- DIN-Rail mount kit

**For more information,
please visit us at <http://www.sena.com>**

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