ASSURED SYSTEMS

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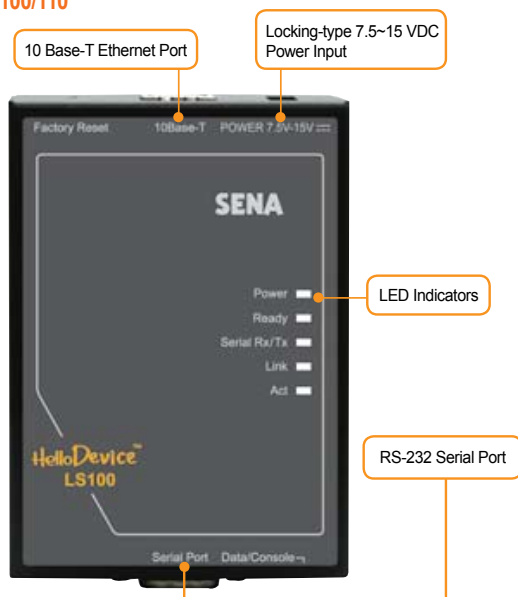
You could easily configure the HelloDevice LS100/LS110 by using Telnet or serial console port under the password protection support.

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

10 Base-T Ethernet Port

Locking-type 7.5~15 VDC Power Input

LED Indicators

RS-232 Serial Port

SENA
www.sena.com

Serial Device Server,
HelloDevice Lite Series, LS100/LS110

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

U.S. / Canada / South America
Tel: 408-448-1997   Fax: 408-907-3738
Sales and Support Toll Free (US/Canada): 8669-US-SENA (866-987-7362)
General Information Toll Free (US/Canada): 8668-US-SENA (866-887-7362)

EU / Africa
Tel: +33 (0)1 53 53 16 29   Fax: +33 (0)1 70 24 70 90

Asia / Pacific
Tel: +82-2-576-7362 Fax: +82-2-573-7710

Contact us via E-mail
General Information: info@sena.com
Sales & Distribution: sales@sena.com
Technical Support: support@sena.com

SENA
www.sena.com

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660