

# Serial Device Server, HelloDevice Lite Series, LS100/LS110/LS100W



The HelloDevice Lite Series, LS100/LS110/LS100W is a cost effective Serial Device Server that makes your legacy serial devices manageable via industry-standard 10Base-T Ethernet or WiFi 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/LS100W by using Telnet or serial console port under the password protection support.

## Features

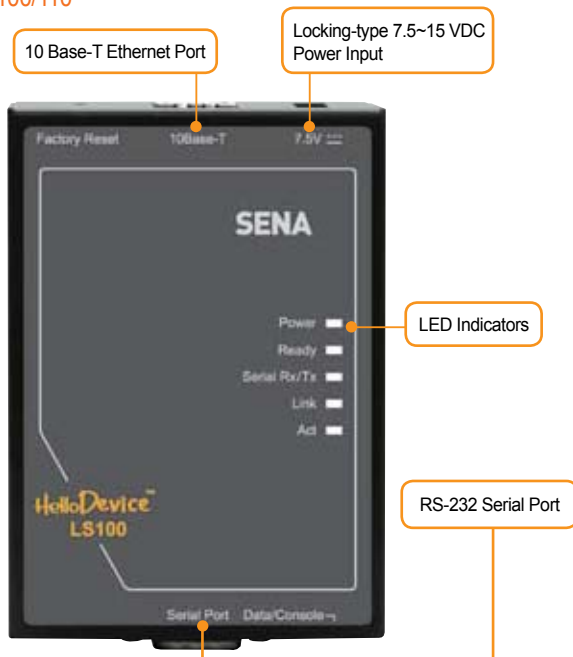
- Connects legacy serial devices to 10Base-T Ethernet or 802.11b WiFi network
- Supports RS232 based serial devices via its DB9 serial port
- Serial data transfer rate up to 115Kbps
- Reliable TCP/IP protocol stack
- Low-price model for lowest transition cost
- Configuration via Telnet or serial port
- 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)

Typical application areas of the HelloDevice LS100/110/100W 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



LS100W



# HelloDevice Lite Series, LS100/LS110/LS100W

## Specifications

### Serial Interface

- Male DB9 serial port
- Serial speeds 1200bps to 115Kbps
- Flow Control: Hardware
- Signals
  - LS100/100W : RS232/Rx,Tx,RTS, CTS,DTR,DSR,GND
  - LS110 : RS232/Rx,Tx,RTS, CTS,DTR,DSR,GND,DCD

### Network Interfaces

- LS100/110  
10Base-T Ethernet
- LS100W  
802.11b WiFi with Prism III compatible chipset  
Supports Ad Hoc mode and Infrastructure mode  
Supports 64/128-bit WEP security

### Protocols

- |                  |                  |                  |
|------------------|------------------|------------------|
| · LS100          | · LS110          | · LS100W         |
| - ARP, IP/ICMP   | - ARP, IP/ICMP   | - ARP, IP/ICMP   |
| - TCP/IP, Telnet | - TCP/IP, Telnet | - TCP/IP, Telnet |
| - DHCP client    | - DHCP client    | - DHCP client    |
| - PPPoE          | - 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

- |                             |                         |
|-----------------------------|-------------------------|
| · LS100/110                 | · LS100W                |
| - Ready                     | - Power                 |
| - Link and Act for Ethernet | - Link and Act for WiFi |
| - Serial Rx/Tx              | - Serial Rx/Tx          |
| - Power                     | - Ready                 |

### Power

- LS100  
7.5 ~ 15VDC, 300mA @ 7.5V
- LS110  
7.5 ~ 15VDC, 300mA @ 9V
- LS100W  
9 ~ 30VDC, 300mA @ 9V

### Environmental

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

### Physical properties

- Dimension (L x W x H) and Weight  
LS100/110:  
100 x 72 x 25 (mm), 3.9 x 2.8 x 1.0 (in.), 240g  
LS100W:  
100 x 72 x 25 (mm), 3.9 x 2.8 x 1.0 (in.), 300g

### 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
- CD-ROM

### Optional Accessories:

- DIN-Rail mount kit



- LS100W** HelloDevice Lite single-port wireless serial device server

### Includes:

- Quick Start Guide
- External 110V or 230V power supply
- Dipole antenna for LS100W
- Serial data cable
- CD-ROM

### Optional Accessories:

- PAT : Parani-PAT Patch Antenna-SMA R/A Female-Right Handed
- RFC : Parani-RFC 1m Antenna Extension Cable for all antennas
- SLR : SMA-Male left handed to right handed adapter
- DIN-Rail mount kit

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