

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



## 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

**The HelloDevice Lite Series, LS100/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.

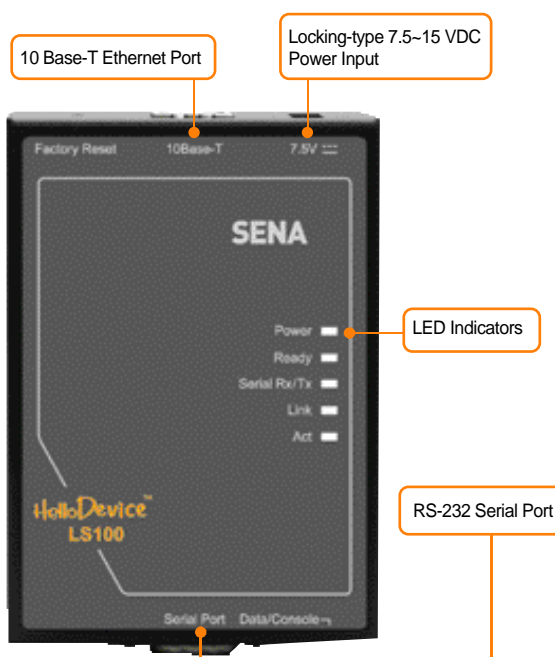
You could easily configure the HelloDevice LS100/LS100W by using Telnet or serial console port under the password protection support.

Typical application areas of the HelloDevice LS100/LS100W include:

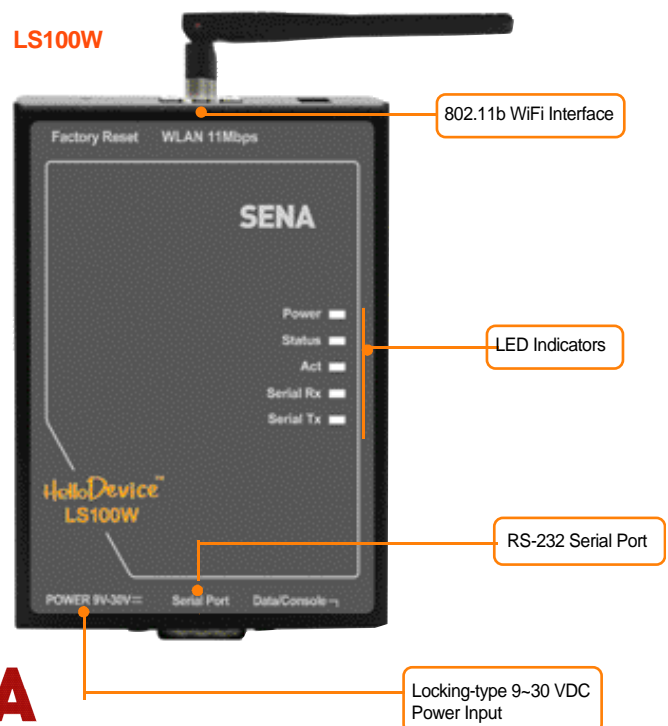
- \* Industrial Automation
- \* Network management
- \* Retail/Point of Sale
- \* Remote metering
- \* Remote display
- \* Building automation
- \* Security/Access control System
- \* General data acquisition application
- \* Medical Automation

## Panel Layout

### LS100



### LS100W



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## Specifications

### Serial Interface

- \* Male DB9 serial port
- \* Serial speeds 1200bps to 115Kbps
- \* Flow Control: Hardware
- \* Signals: RS232/Rx,Tx,RTS,CTS,DTR,DSR,GND

### Network Interfaces

- \* LS100  
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

- \* ARP, IP/ICMP
- \* TCP, Telnet
- \* DHCP client
- \* PPPoE

### Security

- \* User ID & Password

### Management

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

### Diagnostic LED

- |                             |                             |
|-----------------------------|-----------------------------|
| * LS100                     | * LS100W                    |
| * Power                     | * Power                     |
| * Ready                     | * Ready                     |
| * Serial Rx, Tx             | * Serial Rx, Tx             |
| * Link and Act for Ethernet | * Link and Act for Ethernet |

### Power

- \* LS100  
7.5 ~ 15VDC, 300mA 7.5V
- \* LS100W  
9 ~ 30VDC, 300mA 9V

### Environmental

- \* Operating temperature:  
5 c to 50 c
- \* Storage temperature:  
-40 c to 66 c

### Physical properties

- \* Dimension (L x W x H) and Weight
- LS100:  
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 single-port serial device server  
**LS100W** HelloDevice Lite single-port wireless serial device server

### Includes:

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

### Optional Accessories:

- \* DIN-Rail mount kit



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