HelloDevice Lite Series, LS100/LS100W

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.
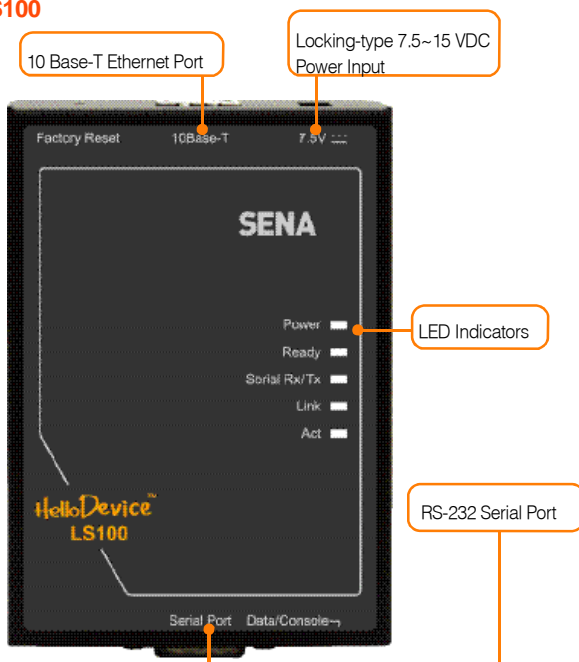
Typical application areas of the HelloDevice LS100/100W include:

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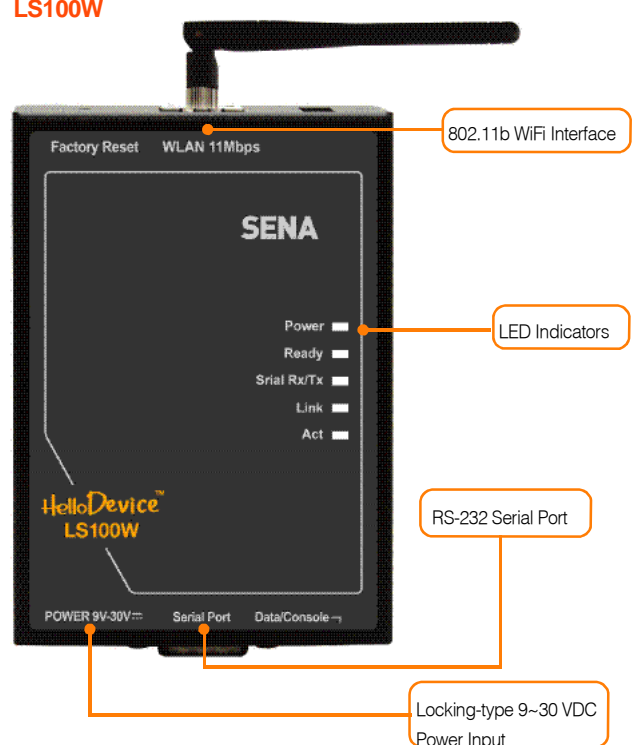* General data acquisition application
* Medical Automation

* 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

Panel Layout

LS100

- 10 Base-T Ethernet Port
- Locking-type 7.5~15 VDC Power Input
- LED Indicators
- RS-232 Serial Port

LS100W

- 802.11b WiFi Interface
- LED Indicators
- RS-232 Serial Port
- Locking-type 9~30 VDC Power Input

SENA

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
-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
* 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:
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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