

# HelloDevice Super Series, SS100/110/400/800

Secure Device Servers



## Powerful Security

SSH, HTTPS, SSL, RC4 and 3DES

## Easy-To-Use Customization support

Free User Space  
Access Serial port and Network session  
Protocol Filter and Reactions  
Web Customization



## Features

- Connects legacy serial devices to 10/100Base-T Ethernet network.
- Supports RS232/422/485 based serial devices, up to 230Kbps speed.
- Supports PC cards such as ATA memory, modem and wired/wireless LAN card.
- Flexible TCP/UDP host mode support: Multiple host connection/data transfer.
- Powerful security support, SSL(Secure Socket Layer), RC4 and 3DES.
- Easy-To-Use customization support: User space, Library and Scripts (network/port access).
- System logging & port buffering.
- Dynamic DNS and PPPoE protocol for DSL connection to broadband Internet.
- Configuration via Web, Telnet/SSH or serial port.
- Management software for configuration and administration included.
- Surge protector included.

**The Linux-based HelloDevice Super Series**, is a universal Secure Device Server that makes your legacy serial devices manageable via industry standard Ethernet network. Based on open network protocols such as TCP/IP and UDP, it gives you ultimate flexibility to your serial devices.

For secure data communication, the HelloDevice Super Series supports various data encryption protocols such as SSL, 3DES and RC4. In addition, IP address filtering function is provided for protecting unintentional data streams to be transmitted to the HelloDevice Super Series.

Its customization support features enable the users to easily customize the box on-the-fly with minimal effort. The network/serial port access and serial protocol translation are provided using the free user space, Linux shell script and the library support.

Featuring PCMCIA slot for enhanced functionality, the HelloDevice Super Series supports many kinds of PC cards such as Wired/Wireless LAN card to access another network for back up purpose, Phone-line modem card for out-of-band access to the Super Series with an external modem, and ATA Fixed Disk card to keep the system log and port log data safely.

With PPPo-E(PPP-over-Ethernet) connection feature of the HelloDevice Super Series, the RS232/422/485 serial devices could be managed over DSL-based broadband network. With the rich broadband network connectivity protocols such as DHCP, PPPoE and Dynamic DNS, you could easily manage the legacy serial devices over broadband Internet by using DSL or cable modem connection. The built-in Dynamic DNS protocol of the HelloDevice Super Series enables you to access the serial devices with their domain names.

The HelloDevice Super Series also provides you with easy-to-use system management functionality of system status display, firmware upgrade and remote reset by using various ways such as telnet/SSH, serial console port or web. The powerful system logging feature enables users to store/send the system/port log data to the NFS, SYSLOG server and the ATA Flash fixed disk PC card.

Typical application areas of the HelloDevice Super Series are:

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

**The HelloDevice Super Series gives you ideal remote management capability of control, monitoring, diagnosis and data gathering for RS232/422/485 serial devices over the internet.**

# HelloDevice Super Series, SS100/110/400/800

Universal Wireless-enabled Secure Device Servers

## Specifications

	SS100	SS110	SS400	SS800
<b>Serial Interface</b>	1-port DB9 connector	1-port RJ45 connector	4-port DB9 connector	8-port DB9 connector
	Serial speeds 1200bps to 230Kbps Hardware RTS/CTS, Software Xon/Xoff			
	Signals: RS232: Rx, Tx, RTS, CTS, DTR, DSR, DCD, GND RS422: Rx+, Rx-, Tx+, Tx- RS485: Data+, Data-			
<b>Network Interfaces</b>	10/100 Base Ethernet with RJ45 Ethernet connector Supports static and dynamic IP address			
<b>Protocols</b>	<ul style="list-style-type: none"> <li>- ARP, IP/ICMP, TCP, UDP, Telnet, SSH v1 &amp; v2</li> <li>- SSL v2 &amp; v3, TLS v1</li> <li>- DNS, Dynamic DNS, HTTP, HTTPS</li> <li>- SMTP with/without Authentication, pop-before SMTP,</li> <li>- DHCP client, NTP, PPPoE, SNMP v1 &amp; v2</li> </ul>			
<b>PCMCIA</b>	None	ATA flash memory card 802.11b Wireless LAN card 10/100 Base-TX LAN Card Modem card		
<b>Modem emulation</b>	Full support for AT commands			
<b>Management</b>	Web Telnet Serial console port HelloDevice Manager O/Ssupport:Windows98/ME/NT/2000/XP System log and statistics: System logging to SYSLOG/NFS server or CF card Logging by email support Full-featured system status display support Firmware Stored in Flash memory and downloadable via serial console or telnet or web			

	SS100	SS110	SS400	SS800
<b>Diagnostic LED</b>	-Power -Ready -10/100 Base Link, Act -Serial InUse (SS400/800 Only) /Rx/ Tx for eachport - PC Card (SS110/400/800 Only)			
<b>Power</b>	5VDC, 0.5A @ 5VDC	7.5VDC, 1A @ 7.5VDC	5VDC, 1.5A @ 5VDC	
<b>Environmental (Degree C)</b>	Operating temperature: 5C to 50C Storage temperature: -40C to 66C			
<b>Physical properties</b>	100x72x25 (mm) 3.94x2.83x0.98 (in.)	150x103x26 (mm) 5.9x4.0x1.0 (in.)	245x153x30(mm) 9.6x6.0x1.2 (in.)	
	DIN-rail mount option			
	Weight: 240g	Weight: 455g	Weight: 1.5kg	
<b>Approvals</b>	FCC(A), CE, MIC			
<b>Warranty</b>	5-year Limited Warranty			

## Ordering Information

<b>SS100</b>	HelloDevice Super Single port Serial Device Server
<b>SS110</b>	HelloDevice Super Single port Serial Device Server W/ PCMCIA
<b>SS400</b>	HelloDevice Super 4-port Serial Device Server W/ PCMCIA
<b>SS800</b>	HelloDevice Super 8-port Serial Device Server W/ PCMCIA

All items includes

- Quick Start Guide
- CD-ROM
- Serial data cable
- Power cord or External 110V or 230V power supply
- Mounting kit

For more information, please visit us at  
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