Secure Device Server with PCMCIA,
HelloDevice Super Series, SS100/110/400/800

Features

* Connects serial devices to 10/100Base-T Ethernet.
* Supports RS232/422/485 based serial devices, up to 230Kbps speed.
* Supports PC cards such as ATA memory, modem and wired/wireless LAN card.
* Multiple host connections/data transfer.
* Powerful security support, SSL/TLS and data encryption
* Easy-To-Use customization support
* System logging & port buffering.
* Dynamic DNS and PPPoE protocol for DSL connection to broadband Internet.
* Configuration via Web, Telnet/SSH or serial port.
* Surge protector included.
* Supports both wall and DIN-Rail style mounting.
* Supports RFC 2217, Telnet COM Port Control Protocol

Panel Layout

▶ SS110

Console · PC Card slot · Ethernet 10/100 · Serial Port

▶ SS400

Indicators · PC Card slot · Serial ports · Ethernet 10/100 · Console · Locking-type Power Input · Power switch

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The Linux-based HelloDevice Super Series, is a universal Secure Device Server that allows 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/TLS and data encryption.
In addition, IP address filtering function is provided for protecting unintentional data streams to be transmitted to the HelloDevice Super Series.

Customization support features enable 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 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 PPPoE(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 serial devices using custom 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 accessibility options 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.

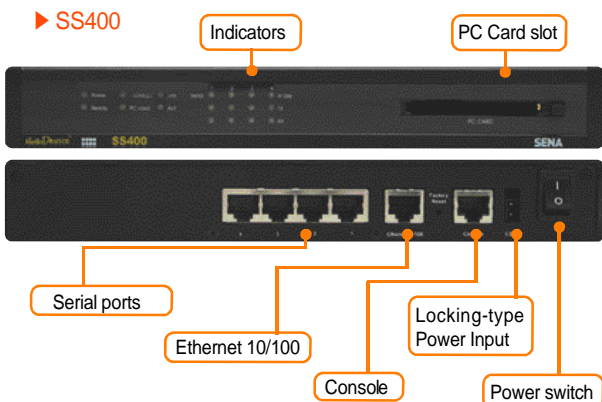Typical application areas of the HelloDevice Super Series include:

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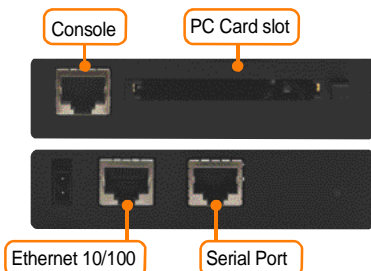
Specifications

Serial Interface
* Serial speeds 75bps to 230Kbps
* Connector
  DB9: SS100
  RJ45 : SS110/400/800
* Flow Control:
    Hardware, Software
* Signals:
  - RS232 Rx, Tx, RTS, CTS,
    DTR, DSR,DCD, GND
  - RS422 Rx+, Rx-, Tx+, Tx-
  - RS485 Data+, Data-
* Surge protector equipped for serial port

Network Interfaces
* 10/100 Base-TX Ethernet with
  RJ45 Ethernet connector
* Supports static and dynamic IP address

Network Protocols
* ARP, IP/ICMP, DNS, Dynamic DNS
* SMTP with/without Authentication, pop-before SMTP,
* DHCP client, NTP, PPPoE
* TCP, UDP, SSL v2 & v3, TLS v1, RFC-2217
* SSH v1 & v2,Telnet
* HTTP, HTTPS, SNMP v1 & v2
* Serial Port Access protocol :
  TCP, UDP, SSL v2 & v3, TLS v1, RFC-2217

PCMCIA
* SS110/400/800 only
* ATA flash memory card
* 10/100 Base-TX LAN card
* Wireless LAN card
* PSTN modem card

Ethernet modem
* Full support for AT commands

Security
* SSH, SSL/TLS
* Data Encryption
* IP address filtering
* HTTPS

Management
* Web or console or Telnet/SSH
* HelloDevice Manager software
  O/S support: Windows 98/ME/NT/2000/XP
* System log delivery:
  email or SYSLOG server or flash memory card
* Firmware
Stored in Flash memory and downloadable
  via console or telnet or web

Diagnostic LED
* Power   * Ready
* 10/100 Base Link, Act
* Serial InUse/Rx/Tx for each serial port
* PC Card

Power
* SS100: 5VDC, 0.5A@5VDC
* SS110: 7.5VDC, 1A @7.5VDC
* SS400/800: 5VDC, 1.5A @ 5VDC

Environmental
* Operating temperature:
  0℃ to 50℃
* Storage temperature:
  -20℃ to 66℃
* Humidity:
  90% Non-condensing

Physical properties
* SS100   100 x 72 x 25 (mm)
          3.9 x 2.8 x 1.0 (in.)
          240g
* SS110   150 x 103 x 26 (mm)
          5.9 x 4.0 x 1.0 (in.)
          455g
* SS400/800
          245 x 153 x 30 (mm)
          9.6 x 6 x 1.2 (in.)
          1.5kg

MTBF
* SS100 : 149.99 Years
* SS110 : 84.77 Years
* SS800 : 17.08 Years

Certification
* FCC(A), CE, MIC

Warranty
5-year limited warranty

Ordering Information

SS100   HelloDevice Super single-port serial device server
SS110   HelloDevice Super single-port serial device server with PCMCIA
SS400   HelloDevice Super 4-port serial device server with PCMCIA
SS800   HelloDevice Super 8-port serial device server with PCMCIA

Includes:
* *Quick Start Guide*   * *External 110V or 230V power supply*   * *Cable kit*   * *CD-ROM*

Optional Accessories: SS-SDK Software Development Kit (256MB CF card)
                             RJ45-DB9M X adapter bundle (4 units)
                             RJ45-DB25F X adapter bundle (4 units)
                             RJ45-DB25M X adapter bundle (4 units)
                             RJ45-DB25M S adapter bundle (4 units)
                             19? Rack mount kit for SS400/800
                             DIN-rail mount kit for the SS100/110

Mehr Informationen: http://www.bluetoothupgrades.de/sena

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