



## HelloDevice Super Series SS100

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### 1. Connection

1) Hook up the Ethernet cable to the RJ45 connector of the HelloDevice SS100 with your hub or switch.



Figure 1. Connecting Ethernet cable

2) Hook up the RS232 serial cable between HelloDevice SS100 and your serial device.  
(See Table 1 for pin assignments)

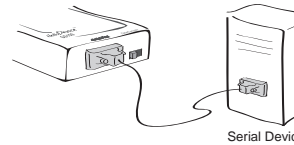


Figure 2. Connecting serial device

3) Hook up the power to the HelloDevice SS100.

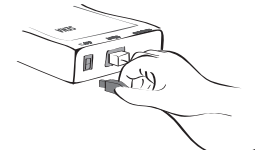
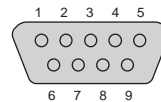


Figure 3. Connecting power

4) Confirm the Power LED lights up.  
5) Confirm the Link LED lights up and Act LED is blinking.

6) Confirm the Ready LED lights up and then you can use the SS100.



Pin	RS232	RS422	RS485
1		Tx-	Data-
2	Rx		
3	Tx	Rx-	
4	DTR	Rx+	
5	GND		
6	DSR		
7	RTS		
8	CTS		
9		Tx+	Data+

Table1. DB9 Pin assignments

### 2. Log-in to serial console

1) Connect the RS232 serial cable between your computer and the serial port of the HelloDevice SS100.

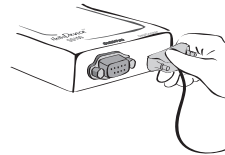


Figure 4. Connecting console

2) Slide Data/Console switch to the Console side.

3) Run a terminal emulation program such as HyperTerminal and set the serial configuration parameters as follows:  
Baud rate = 9600, Data bits = 8, Parity = None,  
Stop bits = 1, Flow control = None

4) Press ENTER key at the terminal emulation program.

5) Enter the user name and password. Factory default settings of user name and password are both admin.

Welcome to SS-100 Configuration

```
-----
Console#1 (Serial) : Not Connected [TH S]
Console#2 (Telnet) : Available
Console#3 (Telnet) : Available
Console#4 (Telnet) : Available
-----
```

```
Press Enter
Login : admin
Password : *****
-----
```

```
-----
Welcome to SS-100 configuration page
Current time : 2002/06/18 10:33:13 F/W REV. : v1.0.1
Serial No. : SS100_02070001 MAC Address : 00-01-95-04-15-
IP mode : DHCP IP Address : 192.168.4.6
-----
```

```
-----
Console#1 (Serial) : Connected [TH S]
Console#2 (Telnet) : Available
Console#3 (Telnet) : Available
Console#4 (Telnet) : Available
-----
```

Select menu

1. IP configuration
2. Serial port configuration
3. SNMP configuration

4. System Status & log
  5. System administration
  6. Advanced options
  7. System tools
  8. Save changes
  9. Exit without reboot
  0. Exit and reboot
- <ESC> Back, <ENTER> Refresh

----->

### 3. Assign IP address

Factory default IP mode setting of the SS100 is DHCP. If you are using DHCP servers for your network environments, skip this chapter.

- 1) Select menu 1. IP Configuration at the main menu.
- 2) Select submenu 1. IP mode. Change IP mode to static IP.
- 3) Select submenu 2~4 to set IP configuration parameters according to your network environment, i.e. IP address, Subnet mask, Default gateway.
- 4) Return to the main menu by pressing ESC key.

-----  
IP configuration

Select menu  
1. IP mode : DHCP  
<ESC> Back, <ENTER> Refresh  
-----> 1  
Select mode (1 = Static IP, 2 = DHCP, 3 = PPPoE)  
-----> 1

-----  
IP configuration

Select menu  
1. IP mode : static IP  
2. IP address : 192.168.4.6  
3. Subnet mask : 255.255.0.0  
4. Default gateway : 192.168.1.1  
5. Primary DNS : 211.172.129.198  
6. Secondary DNS : 211.172.129.199  
<ESC> Back, <ENTER> Refresh  
----->

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### 4. Serial port configuration

- 1) Select the menu 2. Serial port configuration at the main menu.
- 2) Select the submenu 1. Host mode configuration, and set up the host mode parameters according to your application.
- 3) Select the submenu 2. UART configuration, and set up the parameters as same as those of your serial device.
- 4) Return to the main menu by pressing ESC key.

-----  
Serial configuration

Port#	Mode	Port	Destination	Type	Settings	Flow
1	TCP s	6000	N/A	RS232	9600-N-8-1	None

Select port ....

<ESC> Back, <ENTER> Refresh  
-----> 1

-----  
Serial configuration --> port #1

1. Host mode configuration  
2. UART Configuration  
3. Cryptography Configuration  
4. Option  
<ESC> Back, <ENTER> Refresh  
----->

### 5. Apply changes

- 1) After finishing the serial port configuration, return to the main menu by pressing ESC key several times.
- 2) Save changed values by selecting menu 8. Save changes at the main menu.
- 3) IP configuration change will be effective immediately after menu 8. Save changes is selected.
- 4) Other configuration change will be effective after rebooting the device by selecting the menu 0. Exit and reboot or pushing the Data/Console switch to the Data side and back to the Console side.
- 5) Connect the RS232 serial cable between your serial device and the serial port of the HelloDevice SS100.
- 6) Push the Data/Console switch to the Data side.

HelloDevice™

**Corporate**  
210 Yangjae-dong Seocho-gu  
Seoul 137-130 Korea  
info@sena.com

**Sales**  
phone +82.2.529.7024  
sales@sena.com

**Support**  
phone +82.2.573.5422  
support@sena.com

**SENA**  
TECHNOLOGIES  
<http://www.sena.com>