HelloDevice
Pro Series
PS100

SENA
TECHNOLOGIES

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1. Connection

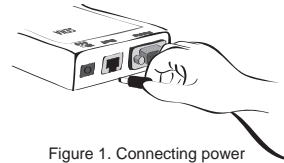1) Hook up the power cable to the HelloDevice PS100.

Figure 1. Connecting power

2) Hook up the Ethernet cable to the RJ45 connector of HelloDevice PS100 with your hub or switch.
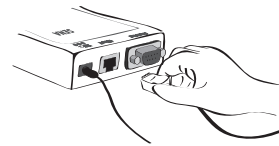
Figure 2. Connecting Ethernet cable

3) Hook up the RS232 serial cable between HelloDevice PS100 and your serial device. (See Table 1 for pin assignments)
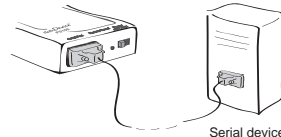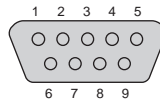
Serial device

Figure 3. Connecting serial device

4) Turn on the power switch of the PS100.

5) Confirm the PWR LED lights up.

6) Confirm the LINK LED lights up and ACT LED is blinking.

1 2 3 4 5
6 7 8 9

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 a null-modem serial cable between your computer and the console port of HelloDevice PS100 .
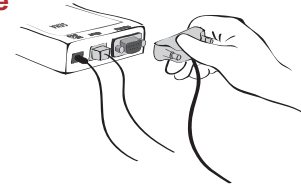
Figure 4. Connecting console cable

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

3) Press ENTER key at the terminal emulation program.

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

```
Welcome to PS-100 Configuration
 Press Enter
 Login : admin
 Password : *****
--------------------------------------------------------
Welcome to PS-100 configuration page
Current time : 2002/ 3/ 5 12: 4: 30
Serial No. : PS100-020200001   MAC Address  : 00-01-95-04-0d-8f
F/W REV.    : V1.00             UP time      : 0 Days  0:10:59
IP mode     : DHCP              IP Address   : 192.168.12.4
--------------------------------------------------------
Select menu
 1. IP Configuration
 2. Serial port configuration
 3. System Status & log
 4. System administration
 5. Advanced options
 6. System tools
 7. Save change
 8. Exit without reboot
 9. Exit and reboot
 <ESC> Back, <ENTER> Refresh
----->
```

3. Assign IP address

Factory default IP mode setting of the PS100 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 2~6 to set IP configuration parameters according to your network environment, i.e. `IP address`, `Subnet mask`, `Default gateway`, `Primary DNS`, `Secondary DNS`.

4) Return to the main menu by press `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 : 192.168.12.4
 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
 ----->
```

4. Serial port(s) configuration

1) Select the menu 2. `Serial port configuration` at the main menu.

2) Select the serial port that will be hooked up with your serial device.

3) Select the submenu 1. `Host mode configuration`, and set up the host mode parameters according to your application.

4) Select the submenu 2. `UART`, and set up the parameters as same as those of your serial device.

5) Return to the main menu by press `ESC` key.

```
--------------------------------------------------------
 Serial configuration
--------------------------------------------------------
Port# Mode    Port   Destination      Type    Settings    Flow
 1    TCP s   6000   N/A              RS232   9600-N-8-1  RTS/CTS


 Select menu
 1. port#1 settings


  <ESC> Back, <ENTER> Refresh
 -----> 1
--------------------------------------------------------
 Serial configuration --> port #1
--------------------------------------------------------
 Select menu
 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(s) configuration, return to the main menu by pressing `ESC` key several times.

2) Save changed values by selecting menu 7. `Save changes` at the main menu.

3) Reboot the HelloDevice PS100 by selecting menu 9. `Exit and reboot`.

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