



HelloDevice Pro Series PS400

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1. Connection

- 1) Hook up the power cable to the HelloDevice PS400.

Note: 7.5V ~ 30V DC power adapter is provided for HelloDevice PS400. If you wish to use optional Power Terminal Block, refer to the User's manual.

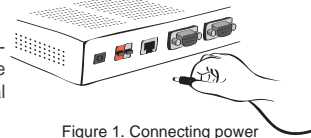


Figure 1. Connecting power

- 2) Hook up the Ethernet cable to the RJ45 connector of HelloDevice PS400 with your hub or switch.



Figure 2. Connecting Ethernet cable

- 3) Hook up the RS232 serial cable between HelloDevice PS400 and your serial device. (See Table 1 for pin assignments)

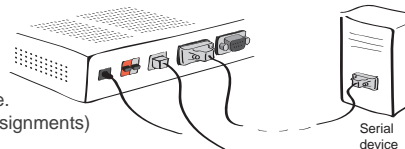
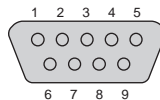


Figure 3. Connecting serial device

- 4) Turn on the power switch on the PS400 front panel.
- 5) Confirm the PWR LED lights up on the front panel.
- 6) Confirm the LINK LED lights up and ACT LED is blinking on the front panel.



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 PS400 on the front panel.

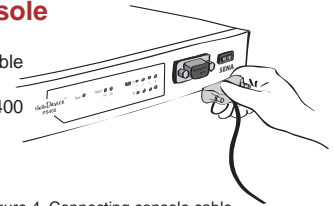


Figure 4. Connecting console cable

- 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 = Hardware (RTS/CTS)
- 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-400 Configuration
Press Enter
Login : admin
Password : *****
```

```
-----
Welcome to PS-400 configuration page
Current time : 2002/ 3/ 5 12: 4: 30
Serial No. : PS400-020200001  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 PS400 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
2	TCP s	6001	N/A	RS232	9600-N-8-1	RTS/CTS
3	TCP s	6002	N/A	RS232	9600-N-8-1	RTS/CTS
4	TCP s	6003	N/A	RS232	9600-N-8-1	RTS/CTS

```
Select menu  
1. port#1 settings  
2. port#2 settings  
3. port#3 settings  
4. port#4 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 PS400 by selecting menu 9. Exit and reboot.

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