## <How to use LS110 with Serial/IP>

2009/04/13

1. Application Diagram

PC(Serial/IP COM3) -(Ethernet)- LS100 -(Serial)- PC comport(COM5)

- PC USB/Serial : COM5

- PC Serial/IP Virtual serial port : COM3

- PC Network configuration

IP: 192.168.1.248

Subnet Mask : 255.255.0.0

Gateway: 192.168.1.1

## 2. Configuration of LS110 via serial console

Please refer below screen.

LS110 login : root password : \*\*\*\*\* Welcome to LS110 Configuration Page Serial No. : 080100001 MAC Address : 00:01:95:46:78:2A F/W REV. : v1.0.0 IP Mode : Static IP IP Address : 192.168.18.140 Console#1 (Serial) : Connected Console#2 (Telnet) : Available Console#3 (Telnet) : Available 1. IP configuration 2. Serial port configuration 3. System information 4. System administration 5. Save changes 6. Exit without reboot 7. Save and reboot <ESC> Back, <ENTER> Refresh --> 1 **IP** configuration 1. IP mode : Static IP 2. IP address : 192.168.18.140 3. Subnet mask : 255.255.0.0 4. Default gateway : 192.168.1.1 5. Primary DNS : 168.126.63.1 6. Secondary DNS : 168.126.63.2 <ESC> Back, <ENTER> Refresh

Serial port configuration

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1. Baud rate : 9600
2. Data bits : 8
3. Parity : None
4. Stop bit(s) : 1
5. Flow control : None
6. Inter-character timeout : 0
7. Host mode : TCP Server
8. Local port : 6001
9. Inactivity timeout : O
10. DTR behavior : Always HIGH
11. DSR behavior : None
12. Allowed IP : 0.0.0.0
13. Allowed subnet : 0.0.0.0
<esc> Back, <enter> Refresh</enter></esc>
<b>\</b>

Please refer manual 2.3. Accessing Console Port(page 14) http://sena.com/download/manual\_ls110-v1.0.0.pdf

Select Data/Console Switch to Data side.

## 3. Configuration of Serial/IP

🛓 Serial/IP Cont	rol Panel	×
COM3 COM4 COM100	Configuration of COM3 IP Address: Port Number: IP Address: Port Number: IP Address: Port Number: IP Address: Port Number: IP Address: Port Number: IOU Connections: Copy Settings To User Credentials □ Use Credentials From: □	
	Connection Protocol C Telnet C Telnet with C <u>R</u> -Padding Raw TCP Connection COM Port Options DSR Emulation:	
Select <u>P</u> orts, Port <u>M</u> onitor, <u>A</u> dvanced,	<ul> <li>□ DCD Emulation:</li> <li>□ CIS Emulation:</li> <li>□ DTR is modem escape</li> <li>☑ Bestore Failed Connections</li> <li>Security</li> <li>□ Use Encryption with: SSL v3 only</li> </ul>	
	<u>C</u> lose <u>H</u> elp A <u>b</u> out	

Please refer below documentation 2. Serial/IP Client Mode Operation (page 7). <u>http://www.sena.com/download/tips/tips\_serial\_ip\_with\_sena\_ds-v1.0.0.pdf</u>

## 4. Working screen

You can transmit and receive serial communication.

The Teraterm is serial terminal software such as HyperTerminal.

