

1. Configure the first device as a server. Click the Network tab.
 - a. Set the protocol to TCP/SSL.
 - b. Set the Device IP address to 192.168.10.10
 - c. Set the Device Subnet Mask to 255.255.255.0
 - d. Click the Submit New Settings button.

Network
NetworkStats
TCP
Serial
Password
SNMP
HTTPS
CAcerts
Advanced
Help

Comnet Terminal server

Network		
Protocol	TCP/SSL <input type="button" value="v"/> (Changing will terminate all existing connections)	
Device Name (for DHCP)	SB70LCSX-64AD	
NetBIOS Name	SB70LCSX-64AD	
MAC Address	00:03:F4:0F:64:AD	
NB Version	02.07.0000	
Comnet Version	3.0.2	
	Static Settings	DHCP Assigned Values Address Mode
Device IP Address	192.168.10.10	Static IP <input type="button" value="v"/>
Device Subnet Mask	255.255.255.0	
Device Gateway	0.0.0.0	
DNS Server	0.0.0.0	
NTP Server	pool.ntp.org	0.0.0.0 No network gateway to get time
System Time:	No valid time UTC (When page was loaded)	
<input type="button" value="Reset To Factory Defaults"/>		<input type="button" value="Submit New Settings"/>

2. Click the TCP tab.
 - a. Click the check box to enable data channel D1.
 - b. Click the check box to enable data channel D2.
 - c. Configure data channel D1 to listen for incoming connections on Port 23.
 - d. Configure data channel D2 to listen for incoming connections on Port 24.
 - e. Configure When to begin making outgoing TCP connections: by selecting If serial data received from the drop-down menu for data channel D1 and for data channel D2.
 - f. Click the Submit New Settings button.

Network	TCP			D1	D2
NetworkStats	Listen for incoming network connections			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TCP	Listening network port:	<input type="text" value="23"/>		<input type="text" value="24"/>	
Serial	Timeout and disconnect after this many seconds of inactivity.	<input type="text" value="60"/>		<input type="text" value="60"/>	
Password	Allow new connection if the existing connection has been idle for this many seconds.	<input type="text" value="30"/>		<input type="text" value="30"/>	
SNMP	When to begin making outgoing tcp connections:			<input type="text" value="If serial data received"/>	<input type="text" value="If serial data received"/>
HTTPS	Connect on network port:	<input type="text" value="1000"/>		<input type="text" value="1000"/>	
CAcerts	Connect to this address:	<input type="text" value="(Enter IP Address)"/>		<input type="text" value="(Enter IP Address)"/>	
Advanced	Alternate address:	<input type="text" value="(Enter IP Address)"/>		<input type="text" value="(Enter IP Address)"/>	
Help	Timeout and disconnect after this many seconds of inactivity.	<input type="text" value="60"/>		<input type="text" value="60"/>	
	Retry failed outgoing connections after this many seconds.	<input type="text" value="360"/>		<input type="text" value="360"/>	
	Check and maintain valid connection at intervals in seconds.	<input type="text" value="0"/>		<input type="text" value="0"/>	
	Use custom packetization logic (below)	<input type="checkbox"/>		<input type="checkbox"/>	
	Number of characters to accumulate before sending TCP packet:	<input type="text" value="32"/>		<input type="text" value="32"/>	
	Number of msec to wait for accumulated characters: 0 waits forever.	<input type="text" value="100"/>		<input type="text" value="100"/>	
	Flush TCP frame when this character is received (Enter NA to disable):	<input type="text" value="NA"/>		<input type="text" value="NA"/>	
	USE SSL rather than TCP for connections:	<input type="checkbox"/>		<input type="checkbox"/>	
	Always Save Serial Chars regardless of connection status:	<input type="checkbox"/>		<input type="checkbox"/>	
	Network Settings on Serial Port - Advanced Serial Settings				
	<input type="button" value="Submit New Settings"/>				

3. Click the Serial tab.
 - a. Configure Data Port Settings for data channel D1 for RS-485 Half Duplex.
 - b. Configure Data Baud Rate for data channel D1 for 9600.
 - c. Configure Data Port Settings for data channel D2 for RS-232.
 - d. Configure Data Baud Rate for data channel D2 for 115200.
 - e. Click the Submit New Settings button.

Network	Serial	
NetworkStats	D1	D2
TCP	Data Port Settings:	RS-232 ▼
Serial	Data Baud Rate:	115200 ▼
Password	Custom Baud Rate:	0
SNMP	Data Bits:	8 ▼
HTTPS	Data Parity:	None ▼
CAcerts	Stop Bits:	1 ▼
Advanced	Flow Control:	None ▼
Help	AT Commands:	<input checked="" type="checkbox"/>
	<input type="button" value="Submit New Settings"/>	

4. Configure the second device as a client. Click the Network tab.
 - a. Set the protocol to TCP/SSL.
 - b. Set the IP address to 192.168.10.20.
 - c. Click the Submit New Settings button.

Network
NetworkStats
TCP
Serial
Password
SNMP
HTTPS
CAcerts
Advanced
Help

Comnet Terminal server

Network			
Protocol	TCP/SSL <input type="button" value="v"/> (Changing will terminate all existing connections)		
Device Name (for DHCP)	<input type="text" value="SB70LCSX-64AD"/>		
NetBIOS Name	SB70LCSX-64AD		
MAC Address	00:03:F4:0F:64:AD		
NB Version	02.07.0000		
Comnet Version	3.0.2		
	Static Settings	DHCP Assigned Values	Address Mode
Device IP Address	<input type="text" value="192.168.10.20"/>		Static IP <input type="button" value="v"/>
Device Subnet Mask	<input type="text" value="255.255.255.0"/>		
Device Gateway	<input type="text" value="0.0.0.0"/>		
DNS Server	<input type="text" value="0.0.0.0"/>		
NTP Server	<input type="text" value="pool.ntp.org"/>	0.0.0.0	No network gateway to get time
System Time:	No valid time UTC (When page was loaded)		
<input type="button" value="Reset To Factory Defaults"/>		<input type="button" value="Submit New Settings"/>	

5. Click the TCP tab.
 - a. Click the check box to enable data channel D1.
 - b. Click the check box to enable data channel D2.
 - c. Configure Port 1 to listen for incoming connections on Port 23.
 - d. Configure Port 2 to listen for incoming connections on Port 24
 - e. Configure When to begin making outgoing TCP connections: by selecting If serial data received from the drop-down menu for data channel D1 and for data channel D2.
 - f. Configure Port 1 to connect to 192.168.10.10
 - g. Configure Port 2 to connect to 192.168.10.10
 - h. Click the Submit New Settings button.

Network
NetworkStats
TCP
Serial
Password
SNMP
HTTPS
CAcerts
Advanced
Help

TCP	D1	D2
Listen for incoming network connections	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Listening network port:	<input type="text" value="23"/>	<input type="text" value="24"/>
Timeout and disconnect after this many seconds of inactivity.	<input type="text" value="60"/>	<input type="text" value="60"/>
Allow new connection if the existing connection has been idle for this many seconds.	<input type="text" value="30"/>	<input type="text" value="30"/>
When to begin making outgoing tcp connections:	<input type="text" value="If serial data received"/> ▾	<input type="text" value="If serial data received"/> ▾
Connect on network port:	<input type="text" value="1000"/>	<input type="text" value="1000"/>
Connect to this address:	<input type="text" value="192.168.10.10"/>	<input type="text" value="192.168.10.10"/>
Alternate address:	<input type="text" value="(Enter IP Address)"/>	<input type="text" value="(Enter IP Address)"/>
Timeout and disconnect after this many seconds of inactivity.	<input type="text" value="60"/>	<input type="text" value="60"/>
Retry failed outgoing connections after this many seconds.	<input type="text" value="360"/>	<input type="text" value="360"/>
Check and maintain valid connection at intervals in seconds.	<input type="text" value="0"/>	<input type="text" value="0"/>
Use custom packetization logic (below)	<input type="checkbox"/>	<input type="checkbox"/>
Number of characters to accumulate before sending TCP packet:	<input type="text" value="32"/>	<input type="text" value="32"/>
Number of msec to wait for accumulated characters: 0 waits forever.	<input type="text" value="100"/>	<input type="text" value="100"/>
Flush TCP frame when this character is received (Enter NA to disable):	<input type="text" value="NA"/>	<input type="text" value="NA"/>
USE SSL rather than TCP for connections:	<input type="checkbox"/>	<input type="checkbox"/>
Always Save Serial Chars regardless of connection status:	<input type="checkbox"/>	<input type="checkbox"/>
Network Settings on Serial Port - Advanced Serial Settings		
<input type="button" value="Submit New Settings"/>		

6. Click the Serial tab.
 - a. Configure Port 1 for RS232.
 - b. Configure Port 1 for RS422.
 - c. Click the Submit New Settings button.