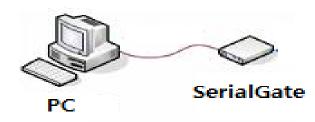
SGConfig Quick Manual

- SGConfig sets operation-environment for the SerialGate Series.
- SGConfig is available for SerialGates with firmware 2.1.235 and above.

1. How to connect



- ① Connect PC and SerialGate with Ethernet port using Ethernet cable (Direct or Cross).
- ② Supply power to SerialGate.
- ③ Run SGConfig.

🚰 SGCo	onfig v1.0								
Sea	arch	Search IP	Configure	Import		Telnet	Web		Apply
	Model	MAC Address	Version	Device Name	IP Address	Subnet Mask	Gateway	PortView IP	Apply

Search	: Search for SerialGates from the same Network
Search IP	: Use specific IP to search for a specific SerialGate
Configure	: Modify detailed operation-environment of the selected SerialGate
Import	: Apply saved configuration to the other SerialGate
Telnet	: Use telnet to connect to the selected SerialGate
Web	: Connect to Web manager of the selected SerialGate
Apply	: Apply the Network settings in the SerialGate

2. Modify Network Address

Modify IP/subnet/Gateway address to connect SerialGate with the Network.

1								
Search	Search IP	Configure	Import	2	Telnet	Web	3	Арр
Model	MAC Address	Version	Device Name	IP Address	Subnet Mask	Gateway	PortView IP	Apply
Model								
SG-2010/ALL	00-05-F4-01-00-53	2.1.235	serialgate	192 168 0.219	255.255.255.0	192.168.0.254	0.0.0.0	~

- ① Click "**Search**" button to search for SerialGates connected to the Network.
- ② Modify the IP, Subnet, Gateway address of the selected SerialGate.
- ③ Click "**Apply**" to modify the Network address of the selected SerialGate.

3. Modify Operation-Environment of a Serial Port

Select the SerialGate from the search and click the "Configure" button.

Network: The Network settings for the selected SerialGate can be modified.

🚰 Configure					
	Network Operation	n Mode Serial Option			
Model : SG-2010/ALL MAC Address :	WAN(Main) Net	work SerialGate	Network So PortView		100
00-05-F4-01-00-53 Firmware Version :	Network Type	Static IP -	Telnet	Enable •	
2.1.235	IP Address	192.168.0.219	SSH	Disable 🔻	
	Subnet Mask Gateway	255.255.255.0 192.168.0.254	FTP WEB	Enable • Enable •	
	DNS	168.126.63.1		Enable	
	Export			Apply	Cancel

WAN (Internet)

Device Name	: Set the device name
Network Type	: Choose either from Static IP or using DHCP to automatically acquire an IP.
IP Address	: Set the IP address
Subnet Mask	: Set the Subnet Mask address
Gateway	: Set the Gateway address
DNS	: Set the IP address of the DNS (Domain Name Service)

Network Services

PortView	: Set the IP address of PC where PortView is installed. The port number is 4000.
Telnet	: Set whether to use a telnet to connect
SSH	: Set whether to use SSH
FTP	: Set whether to use FTP
WEB	: Set whether to use WEB service

Operation Mode: The operation-environment of the each ports can be modified.

									X
Netwo	rk Operatio	n Mode Serial Op	otion						
No	Port Alias	Operation	Src Port	Туре	Dest IP	Dest Port	Alive	Latency	Nodelay
1	Port-01	COM_Redirector	4001	Data	0.0.0.0	4000	0	0	
								,	
	No	No Port Alias	No Port Alias Operation	No Port Alias Operation Src Port	No Port Alias Operation Src Port Type	No Port Alias Operation Src Port Type Dest IP	No Port Alias Operation Src Port Type Dest IP Dest Port	No Port Alias Operation Src Port Type Dest IP Dest Port Alive	Network Operation Mode Serial Option No Port Alias Operation Src Port Type Dest IP Dest Port Alive Latency

No	: Serial Port number
Port Alias	: Set the port alias
Operation	: Set the operational protocol used the serial port
Src Port	: Set the socket number assigned to the port
Туре	: Set whether to check the signal line of connected serial port
Dest IP	: Set the target IP address when using TCP Client, UDP Client modes
Dest Port	: Set the target port number when using TCP Client, UDP Client modes
Alive	: After the socket connection is established, when there are no signal for given
	time, the socket restarts.
Latency	: Set if continuous data are received, they will be sent through the socket at
once.	
Nodelay	: Send data through the socket without any delay.

Serial Option: The interface, communication speed, and other settings can be modified.

😭 Configure									
	1	Vetwo	rk Operatio	n Mode 🛛 Seri	al Option				
Model : SG-2010/ALL		No	Interface	Baudrate	Data Bit	Stop Bit	Parity	Flow Control	
MAC Address :		1	RS232 🔻	9600	8	1	None	None	
00-05-F4-01-00-53									
Firmware Version : 2:1.235									
			Export					Apply	Cancel
No	: Serial	Po	rt numbe	r					
Interface	: Set th	ne ii	nterface o	of the seri	al port				
Baud rate	: Set th	ne c	ommunica	ation spee	ed of the s	erial port			

- Data Bit : Number of bits in a byte
- Stop Bit : Set the stop bit
- Parity : Set the type of the parity
- Flow Control : Set the type of the flow control

When all settings are selected, click "**Apply**" button to configure the system with following message.

SGConfig v1.0	×
Configuration was successfully	applied
ОК	

If you do not wish to modify any change, click "**Cancel**" button to close the window without any changes.

Appendix (Save/Restore the configuration to/from a file)

- Save the configuration of a SerialGate to a file and after replacing the device, use the file to restore the configuration.

Click "Export" from the configure screen, then save current settings to a file.

🚰 Configure		-	-		- - X
	Network Operation	n Mode Serial Option			
Model: SG-2010/ALL	WAN(Main) Net	work	Network Se	ervices	
MAC Address : 00-05-F4-01-00-53 Firmware Version : 2.1.235	Device Name Network Type IP Address Subnet Mask Gateway DNS	SerialGate Static IP 192.168.0.219 255.255.255.0 192.168.0.254 168.126.63.1	PortView Telnet SSH FTP WEB	192.168.0.74 4000 Enable • Enable • Enable •	
	Export			Apply	Cancel

		Export co	nfiguration to) file				×
Save in:	👢 temp			•	(† 🖻 🔿	* Ⅲ▼		
Ca	Name		^			Date mod	lified	
Recent places			No items match	your se	earch.			
Desktop								
Libraries								
Computer Conjunction Network								
	<							>
	File name:	default.scg				•	Save	
	Save as type:	All files (*.*)				•	Cancel	

When restoring the value, use "Search" to select the SerialGate unit you wish to restore the settings from the file and click "Import" button.

			Teinet		Import	Configure	Search IP	Search
v IP Apply	PortView IP	Gateway	Subnet Mask	IP Address	Device Name	Version	MAC Address	Model
0.74	192.168.0.74	192.168.0.254	255.255.255.0	192.168.0.219	SerialGate	2.1.235	00-05-F4-01-00-53	5G-2010/ALL
		-						LL

Once the file is selected, settings will be displayed. Click "**Apply**" button to set the configuration to current SerialGate.

When applying settings to other SerialGate devices, they all cannot have the same IP address. Therefore, change the IP address and click "**Apply**" button.

🙀 Configure	-	and and an and	-		- - X		
	Network Operation Mode Serial Option						
Model : SG-2010/ALL	WAN(Main) Net	WAN(Main) Network		Network Services			
MAC Address : 00-05-F4-01-00-53 Firmware Version : 2.1.235	Device Name Network Type IP Address Subnet Mask Gateway DNS	SerialGate Static IP 192.168.0.219 255.255.255.0 192.168.0.254 168.126.63.1	PortView Telnet SSH FTP WEB	192.168.0.74 4000 Enable • Disable • Enable • Enable •			
	Export				Cancel		