# **VNC** function instructions

# 1. Enables VNC function

SRB10020 controls the turning on and off of VNC. The following steps set it to On.

a) Double-click to open the "Public Window" in the windoe list on the right side of the Rievtech Studio software.



b) Right-click the mouse in the blank space to pop up the right-click menu and select 'Window Properties'.

2	Paste	Ctrl+V
	Select All	Ctrl+A
	Add Vector Graphics	•
	Add Components	•
	Grid	•
Г	Window Properties	

#### c) Click the 'Add' button.

ion and Function Tin	ner   Timing Dat	a Transmission	
ction/Condition	Execute	Operation Target	
			Add
			Move Up
			Move Down
			Delete
			Edit
			Сору

d) Select 'Bit Setting' and set SRB10020 to On.

Rs Add Action And Fur	nction			
Action Or Condition	Window Initialize 🔻	Rs	s Standard Bit Address Input	x
Execute	LBO		□ Use Address Tag Deivce: LOCAL:[Local Register]	]
Word Settings	Set On Set Off		Bit-index within a Byte Register Address Type: LB	
	Set Constant 0		Address: 0 System Register	]
C Execute Macro	Macro Code Edit		Format(Range) DDDDDD(0~799999)	
Switch Page	Next Window -	No la	Address Index	
	ОК		OK	

Select SRB10020, and then click the 'Select' button below.

	and a system special random register	
Use Address Tag Deivce: [LOCAL:[Local Register] Bit-index within a Byte Register Address Type: [SRB Address: 0 Format(Range) DDDDD(0-11023) Address Index OK Canc	Hist Information     Internet     System Registers     Hardware     Keyboard     ViNC(remote monitoring)     ViNC(remote monitoring)     SRB10020 : VINC start or close     SNB10021 : VINC authonty controlling     Communication     User authority     Data     FBox authority	Description SRB10020=0 : Prohit VNC SRB10020=1 : Start VNC , holding registr
<ul> <li>Add Action And Function</li> <li>Action Or Condition Window Initialize          <ul> <li>Execute</li> <li>Bit Settings</li> <li>SRB10020</li> <li>Set On</li> <li>Set Off</li> <li>Word Settings</li> <li>Set Constant</li> <li>Set Constant</li> <li>Macro Code</li> <li>Edit</li> <li>Switch Page</li> </ul> </li> </ul>		
Modify Window     Action and Function Timer Timing Data Transmission	Cancel	
Action/Condition Execute Operation Target Window Initialize Bit Settings SRB10020 ON	Add Move Up Move Down Delete Edit Copy	

## 2. Download the project to HMI

Tools v1.9.2		
Download Upload Sys	tem Passthrough	
Protocol USB Ethern 192 Data Source Project KW Data	. 158 . 0 . 200 Scan	Delete Option (Project Valid) Delete RW Data Delete Recipe Data Delete Sampling and Alarm History Data Delete HMI Memory Block Delete User's Info Unbind FLink and Clear Relevant Data Download Option (Project Valid) Close after downloading Download in Force Mode Synchronise PC system to HMI (If Poject Synchronise HMI time with NTP server
	$\triangleright$	Download Allowed to upload project: No Allowed to uncompile: No Download password: No

Download the previously modified project to the target HMI.

## 3. Set the computer IP

Set the IP of the computer and HMI to the same network segment. For example, the IP of the HMI is 192.168.0.200 and the IP of the PC is 192.168.0.100.

#### 4. Connection and use of VNC client

Take Real VNC Viewer as an example.

a) Start VNC Viewer on the PC, and input the IP of HMI in 'VNC Server', as shown below:

V2 VNC Viewer	
VNC® Viewer	<b>V</b> S
VNC Server: 192.168.0.200	-
Encryption: Let VNC Server choose	•
About Options	Connect

b) Click the 'Options ...' button and check 'Rate-limit mouse move events' on the 'Inputs' page.

V2 VNC Viewer - Op	otions					
Display Inputs	Connection	Printing	Troublesh	nooting	Expert	
Inputs: Enabled	ł	•	]			
🛛 Enable keybo	pard input					
✓ Pass media	keys directly	to VNC S	erver			
✓ Pass specia	l keys directly	y to VNC S	Server			
Enable mous	e input					
Enable 3-bu	utton mouse e	emulation	_			
☑ Rate-limit m	nouse move e	events				
Share clipbo	ard text with '	VNC Serve	er			
Enable file tra	ansfer					
Enable chat						
Menu key: F8	•					
✓ Use these setting	ngs for all nev	w connect	ions			
Basic			2	0		Cancel

Click the 'OK' button to complete this configuration operation. note:

This option must be checked. If this option is not checked, the VNC response will be slow, affecting VNC operation and monitoring HMI.

c) Click the 'Connect' button, as shown below:

V2 VNC Viewer	
VNC® Viewer	Ve
VNC Server: 192.168.0.200	•
Encryption: Let VNC Server choose	•
<u>About</u> <u>Options</u>	Connect

V2 VNC Viewer - Encryption			
() Unencrypted connection			
The connection to this VNC Server will not be encrypted.			
VNC Server: 192.168.0.200::5900			
Your authentication credentials will be transmitted securely, but all subsequent data exchanged while the connection is in progress may be susceptible to interception by third parties.			
Don't warn me about this again.  Continue Cancel Cancel			

V2 VNC Viewe	V2 VNC Viewer - Authentication			
VNC Server:	VNC Server: 192.168.0.200::5900			
Username:				
Password:				
	Cancel			

There is no need to enter a password here. Click OK to successfully connect to the HMI.

