# WebAccess/CNC



## TCP/IP & RS232

Version: V1.0

## STEP 0: Confirm the version after WebAccess/CNC

## V2.0.12 has been installed

The HAAS TCP/IP connection setting options will appear when the CNC Explorer driver is set as follows

HAAS Setting		Search List	
Device Name	Device Name	IP	Port
HAAS01	HAAS01	192.168.1.1	5051
IP 192.168.1.1	« < 1	> »	Showing 1 to 1 of 1 entries
Port	Delete		
5051			
Add			

Users can choose the connection method of TCP/IP or RS232 according to the Haas CNC machine. The default open port for TCP/IP is 5051. If RS232 is used, please add the COM Port of RS232 by yourself through the WebAccess/SCADA configuration interface, and select Haas driver and blocks and tags.

## STEP 1: Ethernet IP & Port or RS232 Setting

#### • /Network/Wired Connection

Operation: MEM	🕢 👰 09:09:30			ettings		
MEM Memor	y/000000.nc N0	Settings Network	Rotary User Po	sitions Alias Cod	les	
000000 ;		Wired Connection	Wireless Connection	Net Share Ha	as Connect	
		Wired Network Info	rmation			
		Host Name Domain DNS Server Mac Address DHCP Enabled	SERODRIGUEZ HAASAUTO.LOCAL 10.1.1.11 00:C0:08:88:34:0A ON	DHCP Server IP Address Subnet Mask Gateway Status	10.1.1.92 172.21.16.35 255.255.255.0 172.21.16.1 UP	
			Name		Value	
		Wired Network Ena Obtain Address Aut			>	0n 0n
		IP Address	tomatically		-	- CH
		Subnet Mask				
		Default Gateway DNS Server				
		Diap Server				
			-			
Operation: MEM	<b>@</b> 👰 09:09:46			ettings		
MEM Memory	<table-row> 😰 09:09:46 y/O00000.nc N0</table-row>	Settings Network		-		
		Settings Network	k Rotary User Po	-		
MEM Memory		Group Listings Group	k Rotary User Po ; Search (TEXT) Name	sitions Alias Cod	143 Value Unit	
MEM Memory		Group Listings Group 117 Miscellaneo	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Cod [F1], or [F1] to clear	143 Value Unit 0.000 IN	
MEM Memory		Group Listings Group	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Cod [F1], or [F1] to clear	143 Value Unit 0.000 IN 5051	
MEM Memory		Group Listings Group 117 Miscellaneo	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Cod [F1], or [F1] to clear	143 Value Unit 0.000 IN	
MEM Memory		Group Listings Group 117 Miscellaneo	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Cod [F1], or [F1] to clear	143 Value Unit 0.000 IN 5051	
MEM Memory		Group Listings Group 117 Miscellaneo	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Cod [F1], or [F1] to clear	143 Value Unit 0.000 IN 5051	
MEM Memory		Group Listings Group 117 Miscellaneo	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Cod [F1], or [F1] to clear	143 Value Unit 0.000 IN 5051	
MEM Memory		Group Listings Group 117 Miscellaneo	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Cod [F1], or [F1] to clear	143 Value Unit 0.000 IN 5051	
MEM Memory		Group Listings Group 117 Miscellaneo	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Cod [F1], or [F1] to clear	143 Value Unit 0.000 IN 5051	
MEM Memory		Group Listings Group 117 Miscellaneo	k Rotary User Po ; Search (TEXT) Name us G143 Global Offset	sitions Alias Coo [F1], or [F1] to clear t	143 Value Unit 0.000 IN 5051	

Set the relevant setting parameters required for networking such as IP address, subnet mask, gateway and the port number of the Machine Data Collect of 143 (default port number is 5051). Among them, please do not use 8082 and 9090~9999 and other system used numbers for port labels EX:

IP address: 172.21.16.35 Port number: 5051 Subnet Mask: 255.255.255.0

#### /I/O/RS-232 or Press<SETNG GRAPH>

Please set the relevant setting to the corresponding number
11 BAUD RATE SELECT: 38400
12 PARITY SELECT: NONE
13 STOP BIT: 1
14 SYNCHRONIZATION: XON/XOFF
37 RS-232 DATA BITS: 8
143 MACHINE DATA COLLECT: ON

GENERAL PROGRAM I/O CONTROL PANEL SYSTEM MAINT	ENANCE POWER SETTINGS
RS-232 PORTS	
11 BAUD RATE SELECT	38400
12 PARITY SELECT	EVEN
13 STOP BIT	1
14 SYNCHRONIZATION	XON/XOFF
37 RS-232 DATA BITS	7
24 LEADER TO PUNCH	NONE
25 EOB PATTERN	CR LF
41 ADD SPACES RS232 OUT	ON
50 AUX AXIS SYNC	XON/XOFF
54 AUX AXIS BAUD RATE	4800
69 DPRNT LEADING SPACES	0FF
70 DPRNT OPEN/CLOS DCODE	ON
143 MACHINE DATA COLLECT	ON
187 MACHINE DATA ECHO	0FF
155 LOAD POCKET TABLES	0FF
156 SAVE OFFSET WITH PROG	OFF
157 OFFSET FORMAT TYPE	A
Setting 11 - Baud Rate Select	
FULL DESCRIPTION: HELP SEARCH TEXT : <text> + F2</text>	SEARCH NUMBER: <#> + 💌

### **STEP 2: Haas Network Connection Test**

 Using Telnet tool to test whether the connection port to the CNC is normal telnet *IP address* port number

EX: telnet 172.21.16.35 5051



## **STEP 3: CNC Explorer Setting**

#### Run CNC Explorer

#### CNC Driver select HAAS setting

HAAS 🔹				
HAAS Settin			Search List	
	ig			
Device Name HAAS02_TCP		Device Name	IP	Port
IP		□ HAAS02_TCP	172.21.16.35	5051
172.21.16.35		« < 1	> >>	Showing 1 to 1 of 1 entries
Port		Delete		
5051				
Add				
		< Previous N	ext >	
SCADA	Proiect Mana	agement		
SCADA Pro	Project Mana	agement		
<b>SCADA</b> Pro				
<u>C</u> > <u>SCADA</u> > <u>Po</u>				
<u>c &gt; scada &gt; Po</u> 十	<u>rt2(TCPIP)</u> >			
C > <u>SCADA</u> > <u>Po</u> + <u>Edit</u> Delete	<u>rt2(TCPIP)</u> >		: Device	Tag/Block
C > <u>SCADA</u> > <u>Po</u> +	rt2(TCPIP) >	HAAS02_TCP Comport/Point		Tag/Block
C > <u>SCADA</u> > <u>Po</u> + <u>Edit</u> Project	rt2(TCPIP) >	HAAS02_TCP		Tag/Block
C > <u>SCADA</u> > <u>Po</u> + <u>Edit</u> Project	rt2(TCPIP) >	HAAS02_TCP Comport/Point	•	
C > <u>SCADA</u> > <u>Po</u> + <u>Edit</u> Project	rt2(TCPIP) >	HAAS02_TCP Comport/Point	٥	CP Tag(0)
C > <u>SCADA</u> > <u>Po</u> +	rt2(TCPIP) >	HAAS02_TCP Comport/Point	٥	
C > <u>SCADA</u> > <u>Po</u> + <u>Edit</u> Project	rt2(TCPIP) >	HAAS02_TCP Comport/Point	٥	CP Tag(0)
C > <u>SCADA</u> > <u>Po</u> +	rt2(TCPIP) >	HAAS02_TCP Comport/Point Port1(TCPIP) Port2(TCPIP) Acc Point	HAASO2_T	CP Tag(0)
<u>c &gt; scada &gt; Po</u> + 🖄 🛍	rt2(TCPIP) >	HAAS02_TCP Comport/Point Port1(TCPIP) Port2(TCPIP)	HAAS02_T	CP Tag(0)
C > <u>SCADA</u> > <u>Po</u> +	rt2(TCPIP) >	HAAS02_TCP Comport/Point Port1(TCPIP) Port2(TCPIP) Acc Point	HAASO2_T	CP Tag(0)
C > <u>SCADA</u> > <u>Po</u> +	rt2(TCPIP) >	HAAS02_TCP Comport/Point Port1(TCPIP) Port2(TCPIP) Acc Point Calc Point	HAASO2_T	CP Tag(0)

You can refer to the user manual of WebAccess CNC to add or delete tags to meet the actual needs

If the connection is a Haas RS232 device, please use WebAccess SCADA directly to set the corresponding COM, driver, device and block parameters

■ SCADA Pro Project Management	ent			
<u>CNC</u> > <u>SCADA</u> > Port2(SERIAL)				Q Tag Search
+ 🖾 🔟 Insert Edit Delete				
Project Node	Comport/Point	Device	Tag/Block	Comport Property
CNC — SCADA 🌒 🔶	Port1(TCPIP)	— Haas01	Tag(0) Block(1)	Interface Name SERIAL Comport Number 2 Description Description
	- Acc Point			Baud Rate (Unit:bps) 38400 Data Bit (Unit:bits)
	- Const Point C			8 Stop Bit (Unit:bits)
	System Point			1 Parity