Quick Start

通用工业网关2



Connect to Network

Connect an Ethernet cable between an Ethernet port on the Gateway and the Ethernet Switch, and connect an Ethernet cable between the Ethernet Switch and PC.





The Networks page appears:

Network	Ports 1 2		Configuration			
1	•	•	(b) Saloci P (P) (102 Mit 104 107) (■ Saloci Meat: 205.205.205 0 (▼) Gatesary: 102 108 104 1 M/C. Anteres: 02 50 22 01 40 75			
2	0	0	No Ports Assigned			
Port Disab	led:	0				
151: 8.8.8	8		DNS2: Default Gateway: 192.168.164.1 v			

If setting a Static IP, identify the IP address you plan to use.

NOTE: Gateway and DNS1 are required only if NTP is selected in Time Setup. (see step 4)



Connect Power Supply Once the Gateway boots, the IP address will display on the Gateway.



Tightening torque, min 0.22 Nm (2 in/lbs.)

Add Devices

Devices Tag Maps Select Devices from menu:

Adding an Ethernet server device:

- 1. Name the Device.
- 2. Select the appropriate Ethernet protocol.

3. Select the appropriate TCP Port.

4. Enter the IP address of the Ethernet device being connected to the Gateway.

5. If necessary, enter the slot number where the processor is located.

6. Click the Test Device Connection button.

Log In to the Gateway Type the default IP address

192.168.1.100 into your web browser.



Enter the default password: Spectrum

After changing the password, the main Gateway page appears:

	E 10 P		
-			
Passed.	1 Mar 7	trad.	
	- 100	-	
	1.000	dent 4 Advent	
P 10	8712F	Bear 1.04000	
diate.	3794038	Autority (1982)	
autial.	104/00F	1014 A. 68180	
100000	10x3x17	(Minimal 1717) (Minist	
annotan	Low Dar No.	2001	
and the local data	form they be	1000	
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	Later provide arteriority	14	
	Teleck 10 Autom	100400	
	And and a state of the second	175.64	
meet.7			
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and a	Nations New York Technic April Course of Address	allow-	
meets) argheine heits, hans, d heits, hand, 3	Minute Real Forder Adult Court - P. Maren Bartol Store C.F. Maren	ACTION OF ACTION	

The Device page appears.

Adding a Serial server device

1. Name the Device.

2. Select the protocol the serial port will be using.

3. Configure the serial port the device will be connected to. (See Step 7)

4. For most applications "Slot Number" should be left at "0".

5. Select the type of error checking used by the PLC's serial port protocol.

6. Some applications need the ACK Timeout, NAK Retries, and ENQ Retries values adjusted. If uncertain, use the default values.

7. Click the Test Device Connection button.

Required from User: • 24 VDC power supply, all cables and wiring, Ethernet switch.

• 电源: 10-32 VDC 3W

Models Covered: WP-G-222-P1, WP-G-242-P1, WP-G-222-P2, WP-G-242-P2

Questions? Access our built-in online help.

Ambient Temperature Range: 0C < Ta < 55C



Universal Industrial Gateway

Time S	е цр
Select Tin	ne from menu: Time Security
The Time page appears:	Time Devressal federated Gateway Date Time: 17 AUg 2023 / 04:23:01 pm Measure
Options are: • Manual. Enter th • NTP. Select a time	e correct Date and Time. ne zone.
Configure Gateway configure which yo	e the serial port on the to match the serial port ation of the device to u are connected.
Serial Po Baud Ra	rial Port Setup
Data Bi Stop Bi Pari Handshai	ts: 8 v ts: 1 v ty: none v
N-516-753-75	

Quick Start

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Add Tags

The Gateway moves tag data between connected devices. For each device connected to the Gateway, specify the tags from which data will be read, and the tags to which that data will be written.

To add tags, select a device you added, and select the Add Tags button:



The Tag Properties dialog appears:

		='
Description:		
Data Type:	INT V	
Address:		
	Word Swan:	
Byte Swap:	I mora smap.	

Specify the following:

Tag Name: Name the tag.

Data Type: Select data type of the named tag.

Address: Enter the name of the tag in the PLC, or the address of the tag depending on the protocol.

Byte Swap/Word Swap/Is Array: Refer to user's guide for more detailed information. In most applications, these boxes can be left unchecked.

NOTE: Tags can be imported from a .csv file.



- 1. Activate the Tag Map to begin communication between the Source and Destination tags, select:
- 2. Select the Live Tag Map Viewer to view the transfer of





A tag map executes a tag copy between PLCs.

Select Tag Maps from menu:

To add a Tag Map, select the Add Tag Map button:

The Tag Map Editor dialog appears:

- 1. Specify the Source tag.
 - i. From "Available Tags":
 - a. Select a Device.
 - b. Select the Tag that will be used as the data Source.
 - c. Confirm that the Source field is highlighted, and select the Move Tag button:
- 2. Specify the Destination tag.
 - i. From "Available Tags":
 - a. Select a Device.
 - b. Select the Tag that will be used as the data Destination.
 - c. Confirm that the Destination field is highlighted, and select the Move Tag button:
- 3. Repeat steps 1 and 2 for each additional Source/Destination tag pair needed.
- 4. Name. Enter a name for the Tag Map.
- 5. Specify when a tag map executes:
 - On Change: Executes a tag map on the state change of a specified tag.
 - Periodic: Executes the tag map on a user defined rate of frequency.

Ex ec IIC T6 Gc (Ex) || 3G UL 20 ATEX 2469X EN 60079-0:2018 & EN 60079-7 :2015+A1 :2018

GBEx 2021312310000322 GB/T3836.1-2021, GB/T3836.3-2021 本产品已取得CCC认证, 符合GB/T3836,1-2021,

GB/T3836.3-2021标准要求。

预防性警告 应采取适当措施来防止峰值电压因瞬态干扰而超过额定电压的 140%。 该系统应安装在GB 3836.1所定义的最低防护等级至少为IP54的外壳中 并在不超过GB / T 16935.1 定义的污染等级2的环境中使用 外壳必须具有只能使用工具才能触及的门或盖

CCC 徽标 警告: 爆炸危险 可能导致设备不再适用于 1 级 2 区危险环境 在危险环境中更换模块或为模块配线时,务必先关闭电》

Spectrum Controls, Inc. 频谱控制公司,美国华盛顿州贝尔维尤市第132大道东北段, 1705号, 邮编: 98005 | www.spectrumcontrols.com (美国) Copyright ©2023 Spectrum Controls, Inc., All rights reserved. Part No. 0100299-04 Rev A 11/2023

Universal Industrial Gateway



Available lags			Copy lags 🛨 🔲 🚿		
Device	Tag		Source	Destination	
SSystem	(1) bool16d1				
SUser	(1) bool16d2				
1) ccm	(1) bool 16s				
1) df1-cip	(1) bool1d1				
1) df1-pccc	(1) bool1d2				
1) directNet	(1) bool1s				
 display test 	(1) bool32s				
1) DisplayTest	(1) bool4d1				
1) eip	(1) bool4d2	DO:			
1) eip-pccc	(1) bool4d3	100			
Ethernet/IP-PCCC	(1) bool4d4	_	Tag Map Name:		
1 hostLink	(1) bool4s	1		*	
1 modbusASCII	1 bool8s				
1 modbusRTU	(1) dint1d1		On Change	Periodic	
1 modbusTCP	(1) dint1d2		•	0	
1 myElpPCCC	(1) dint2d1				
1 ppi	(1) dint2d2		Tag:	* 📎	
1) \$7	(1) dint2d3		Polling Rate: 100 ms *		
1 TestMessageDelete	(1) dint4s				
	(int10d	-			