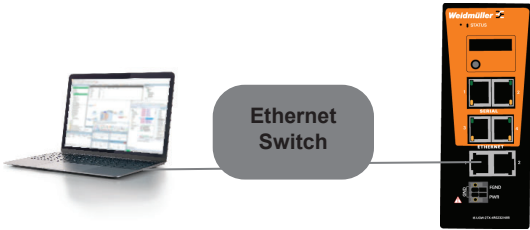


IMPORTANT: See back cover for warnings and user requirements.

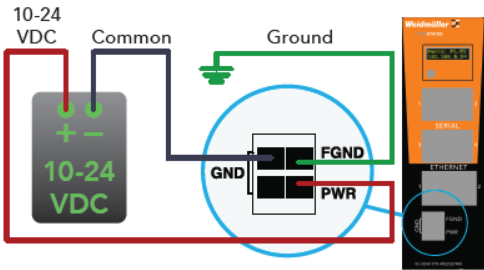
1. Connect to Network

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.



2. Connect Power Supply

Once the Gateway boots, the IP address will display on the Gateway.



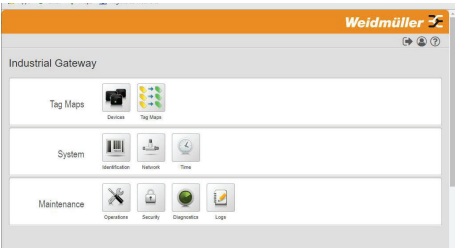
Wire size: 22-14 gauge (2 mm) stranded Tightening torque, min 0.22 Nm (2 in/lbs.)

3. Login to the Gateway

Type the default IP address **192.168.1.100** into your web browser.
The User Interface dialog appears:



Enter the default password: **Detmold**
After changing the password, the main Gateway dialog appears:



Required from User:

- 24 VDC power supply, all cables and wiring, and Ethernet switch.
- Device rating: 10-24 VDC 3W

Models Covered:

IE-UGW-2TX-2RS232/485
IE-UGW-2TX-4RS232/485

Questions?

Access our built-in online help.

Note:

Ambient Temperature Range: 0-55°C

ATEX

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



Special condition for safe use (ATEX)

1. Provision shall be made to prevent the rated voltage being exceeded by transient disturbances of more than 140% of the peak rated voltage.
2. The system shall be mounted in an ATEX certified enclosure with a minimum ingress protection rating of at least IP54 (in accordance with EN 60079-15) and used in an environment of not more than pollution degree 2. The enclosure shall be accessible only with the use of a tool.

SUITABLE FOR USE IN CLASS I, DIVISION 2, GROUPS A, B, C, AND D
HAZARDOUS LOCATIONS, OR NONHAZARDOUS LOCATIONS ONLY.

WARNING - EXPLOSION HAZARD

DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT
IS LIVE OR UNLESS THE AREA IS KNOWN TO BE FREE OF
IGNITABLE CONCENTRATIONS.

AVERTISSEMENT - RISQUE D'EXPLOSION

Ne déconnectez l'équipement tandis que le circuit est sous tension
ou si la zone est connue pour être libre de Concentrations in-ammables.

This device shall be installed in an enclosure which can only be opened
with the use of a tool. Cet appareil doit être installé dans un boîtier qui ne
peut être ouvert qu'avec un outil.

Industrial Gateway

Quick Start Guide



Weidmuller, Ltd
10 Spy Court
Markham, Ontario L3R 5H6
Telephone: (800) 268-4080
Email: info1@weidmuller.ca
www.weidmuller.ca

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Bld. Hermanos Serdan 698,
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Puebla, Puebla, Mexico C.P. 72029
Telephone: 01 222 2686267
Email: clientes@weidmuller.com.mx
www.weidmuller.com.mx

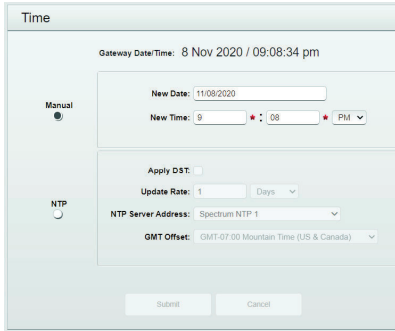
Weidmuller, Inc.
821 Southlake Blvd.
Richmond, Virginia 23236
Telephone: (800) 849-9343
Email: info@weidmuller.com
www.weidmuller.com



4. Time Setup

Set Up Time icon: 

The Time Setup dialog appears:



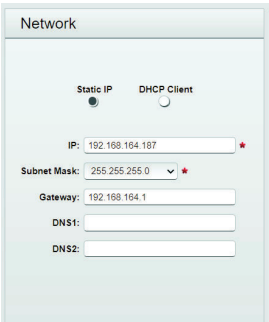
Options are:

- Manual. Enter the correct date and time.
- NTP. Select a time zone.

5. Configure Network Setup

Select the Network icon: 

The Network Setup dialog appears:



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

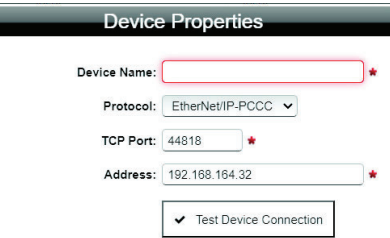
NOTE: Gateway and DNS1 are required only if NTP is selected in Time Setup. (see step 4)

6. Add Devices

Select the Devices icon: 

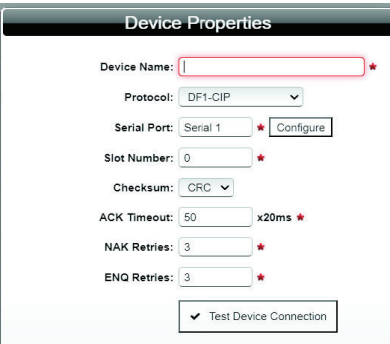
Adding an Ethernet Device:

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 Test Device Connection button.



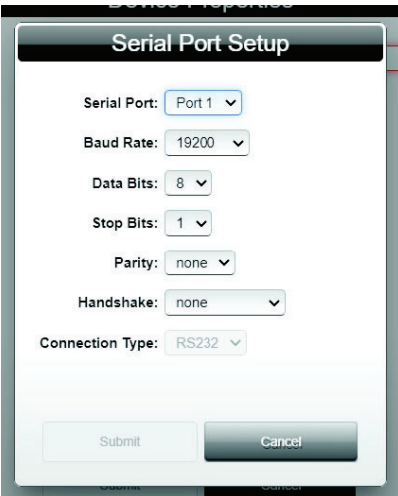
Adding a Serial Device:

1. Name the Device.
2. Select the protocol the serial port will be using.
3. Configure the serial port to which the device will be connected. (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 Test Device Connection button.



7. Configure Serial Ports

Configure the serial port on the Gateway to match the serial port configuration of the device to which you are connected.

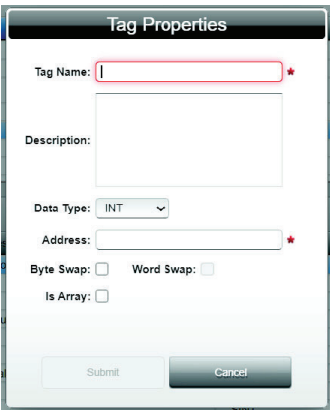


8. Add Tags

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 icon: 

The Tag Properties dialog appears:



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.

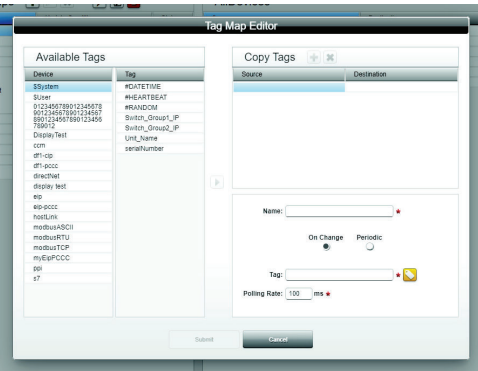
9. Create Tag Maps

A tag map executes a tag copy between PLCs.

Select the Tag Map icon: 

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

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 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 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.

10. Activate Tag Map & View Live Tag Map Data

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 tag data: 