



Wrong Way Alerting Solution

Quick Start Guide

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1 Prerequisites

Refer to Chapter 3 in the **Wrong Way Alerting Solution User Guide**.

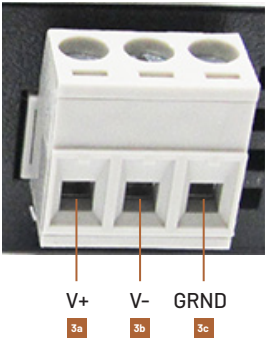
Install the Supervisor software on the computer used for configuring the Wrong Way Module by double clicking the file **ISSSupervisorSetup_vx.x.x.x.exe** (x.x.x.x is the version). Follow the on-screen instructions. The default location is recommended.

Note: For complete information about installation, set up and operations, refer to the **Wrong Way Alerting Solution User Guide**.

2 I/O Module Setup

If the I/O Module is to be part of the system, perform the steps below; otherwise, continue with step 3.

- Set the Wrong Way I/O Module on a shelf in the Controller Cabinet.
- Set up the address of the computer using **192.168.127.100** as the IP address and **255.255.255.0** as the subnet mask.
- Connect the I/O module to a 12 - 24 VDC power source.
 - Connect the line wire to the V+ slot.
 - Connect the neutral wire to the V- slot.
 - Connect the ground wire to ground slot.
- Connect one end of an Ethernet cable to the computer and the other end to the Wrong Way I/O Module.
- Start a network browser.
- In the URL field type **192.168.127.254** and press **Enter**. The ioLogik Remote Ethernet I/O Server screen should appear.
- On the left, click **Network Settings**.
- Click **Ethernet Configuration**.
- The IP Configuration should be set to **Static**; if not, select it.
- Enter the IP Address, Subnet Mask and Gateway for the device.
Note: The IP address will be required in Section 4.
- Click **Submit** and close the browser.
- Disconnect the Ethernet cable from the computer and connect it to the network switch.
- Connect the wires for the output relays that are to be activated. Two wires per relay, starting with R0.



What's in the Box



Camera



Wrong Way Processor



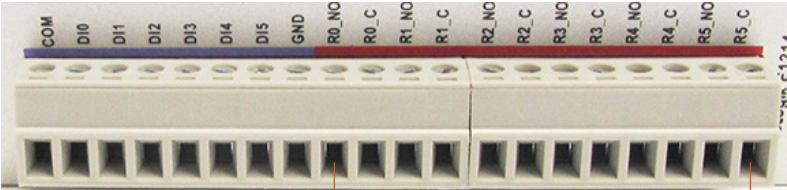
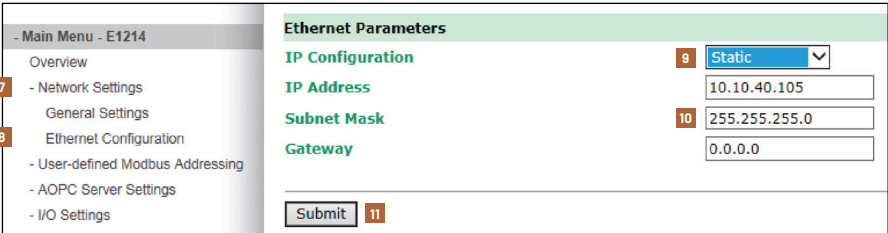
I/O Module



5VDC Power Supply Ground Terminal

Other Required Equipment

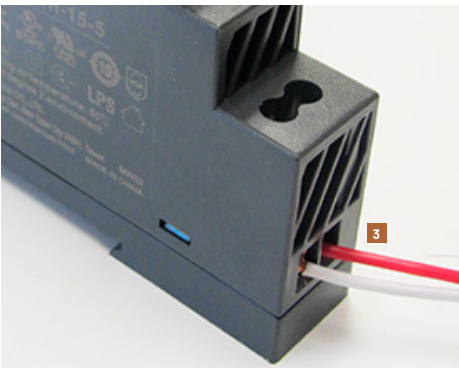
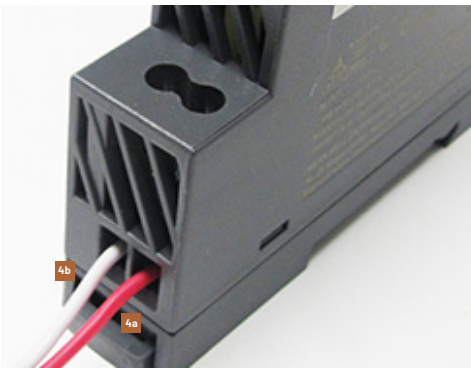
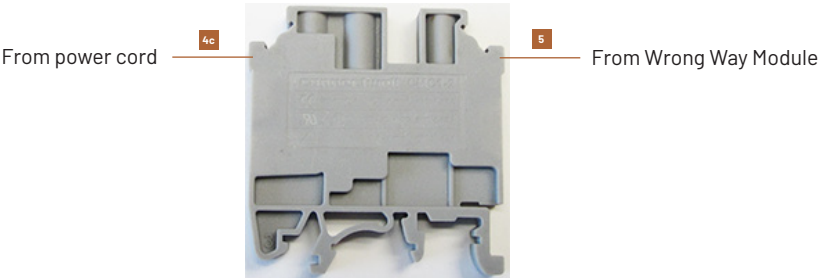
- Power source if not Solar
- Network connection device or Cell Modem and sim card
- Supporting infrastructure
- Labor
- SW integration
- Asset management through central software
- PoE injector and Ethernet cable



15 Output relay connectors

3 Wrong Way Module Installation

- Set the Wrong Way Module on a shelf in the Controller Cabinet.
- Install the Din Rail Power Supply and Ground Connector on the Din Rail.
- Connect the Power Supply Cord to the Din Rail Power Supply.
 - Connect the white wire to the front slot (V-).
 - Connect the red wire to the back slot (V+).
- Connect the input power cord to the Din Rail Power Supply.
 - Connect the line wire to the front slot (L).
 - Connect the neutral wire to the back slot (N).
 - Connect the ground wire to one side of the Din Rail Ground Connector.
- Connect the ground wire from the back of the Wrong Way Module to the other side of the Din Rail Ground Connector.



- 4
- Network Settings
- 1

Set up the address of the computer using **192.168.0.100** as the IP address and **255.255.255.0** as the subnet mask.
- 2

Connect one end of an Ethernet cable to the computer and the other end to the Wrong Way Module.
- 3

Start the Supervisor software.
- 4

On the Home screen, click the icon for the Wrong Way device.
- 5

On the Device screen, click **Device Settings**.
- 6

Enter a name for the device.
- 7

Select the time source to be used for the device. If the clock is to be synchronized with an NTP server, enter the URL or IP address of the NTP time server and click **Add**.
- 8

Select the time zone where the Wrong Way device is installed.
- 9

Select LAN Interface as the Network type.
- 10

Enter the IP Address, Subnet Mask and Default Gateway for the device.
- 11

Enter the DNS server information if a domain name instead of an IP address is specified for an NTP time server or for the email server on the Notifications screen (Section 5).
- 12

Move the slider in the Video section to set the bitrate for viewing video from the Wrong Way Module.
- 13

If the I/O Module is installed, in the **External I/O** section, enter a name for and the IP address of the module, then click **Add** to add the IP to the list.
- 14

When complete, click **Apply Changes**.
- 15

Close the Supervisor software.
- 16

Disconnect the Ethernet cable from the computer and connect it to the network switch in the cabinet.
- 17

Set the IP address of the computer to match that of the cabinet network.
- 18

Connect an Ethernet cable from the computer to the network switch/hub in the cabinet.

User Descriptions

6

Device Name

Description 2

Description 3

Description 4

Time

7

Time Source

Manual

NTP

ADD

DELETE

8

Time Zone

(UTC-06:00) Central Time (US & Canada)

Network

9

Network

LAN Interface

10

IP Address

10

10

60

45

Subnet Mask

255

255

255

0

Default Gateway

10

10

60

1

11

Primary DNS

10

10

5

52

Secondary DNS

10

10

5

53

Enable DHCP

Video

12

Bitrate

5000

kbps

RESET

External I/O

Name

IP Address

0

0

0

0

ADD

DELETE

- 5
- Notification Settings
- 1

Start the Supervisor software.
- 2

On the Home screen, click the icon for the Wrong Way device.
- 3

On the Device screen, click **Notification Settings**.
- 4

Enter the name of the person or facility sending the notification.
- 5

Enter the sender's email address.
- 6

Enter the sender's email server.
- 7

Enter the port number for the email server.
- 8

Select the type of encryption to be used for the notification.
- 9

If required, enter the Username and Password for the sender's email account.
- 10

Enter the email address for the recipient and click **Add**.
- 11

Click **Apply Changes**.
- 12

Click **Send Test Email** to verify receipt of the notification.
- 13

Return to the Device screen.

Email

4

From Name

5

From Address

6

Server

7

Port

0

8

Encryption Type

None

SSL

TLS

9

Username

Password

ADD

DELETE

10

Recipient Addresses

CLEAR ALL

Alert Trust™

Enabled

Device Id

Host

Port

0

Settings

2

RTSP Address

192

168

0

168

RTSP Port

554

3

RTSP Presentation

axis-media/media.amp?camera=1

4

RTSP Username

<user defined>

5

RTSP Password

<user defined>

6

Alternate Incident URL

Incident RTSP Address

192

168

0

168

Incident RTSP Port

554

Incident RTSP Presentation

axis-media/media.amp?camera=quad

Incident RTSP Username

<user defined>

Incident RTSP Password

<user defined>

- 6
- Camera Setup
- 1

At the bottom of the Device screen, click **Camera Setup**.
- 2

For RTSP Address, enter the IP address of the RTMS sensor.
- 3

Enter the RTSP Presentation URL, as seen in the sample image. Select the camera number that is being used for detection.
- 4

Enter the Username configured for the camera.
- 5

Enter the Password configured for the camera.
- 6

The Alternate Incident URL check box is optional.
- 7

Return to the Device screen.

- 7
- Camera Calibration
- The width of the entire calibration area should be about 15 - 20 ft. (4.6 - 6.1 m) and the depth should cover the entire area to be monitored.

1

At the bottom of the Device screen, click **Camera Calibration**.

2

Move the cursor to one of the corner markers, then click and drag to the desired location.

3

Repeat for each corner until the zone covers the detection area.

4

Edit the distance measurements as required by clicking on a value and typing a new one.

5

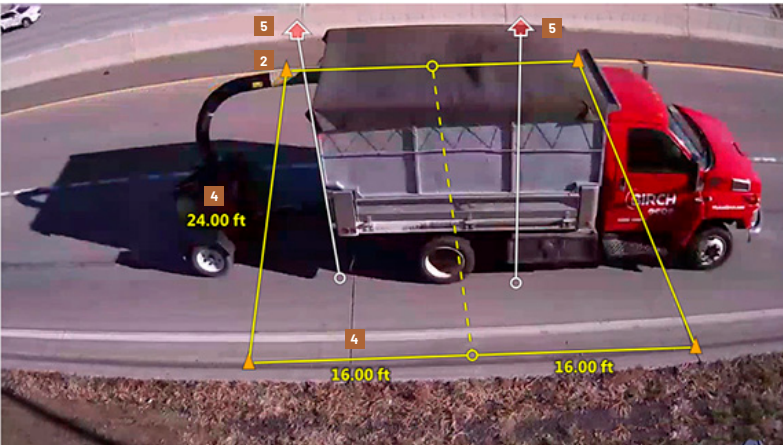
Align the bars with the red arrows as perpendicular to the plane of the image as possible.

6

Click **Apply Changes**.

7

Return to the Device screen.



- 8
- Zone Setup
- The recommended width of the zone is 30 - 40 ft. (9.1 - 12.2 m) and the depth should cover the entire area to be monitored.

1

At the bottom of the screen click **Zone Setup**.

2

Using the arrows at the corners of the zone (↖ ↗ ↘ ↙), rotate the zone.
Note: The zone will not rotate if any of the corners touch the edge of the image.

3

Continue to rotate until the zone is pointing to the direction of traffic.

4

Move the cursor to one of the corner markers then click and drag to the desired location.

5

Repeat for each corner until the zone covers the detection area.

6

In the Easy Setup section, verify that the check box for Wrong Way is selected.

7

Click the first color block to define the color the zone will be outlined in when a wrong way vehicle is detected.

8

Click the second block to define the color when no wrong way vehicles are detected.

9

If the I/O Module is installed and configured, click the drop-down arrow in the blank field then select which output is to be activated when detection takes place.

10

Add additional zones as required.

11

When all zones have been defined, click **Apply Changes**.

