# AIOT-IOD-E Series Quick Start Guide

About this Guide

This Quick Start Guide provides a brief overview of the AIOT-IOD-E device. It includes instructions for network and I/O device connections.

Peripherals connections

The AIOT-IOD-E device provides three Peripherals functions. The IO ports are used for below functions:
1. RS485 counter: the AIOT-IOD-E has RS485 interface ports on board to connect a counter device.
2. Digital output: the AIOT-IOD-E has two digital output ports on board to connect digital peripherals.
3. Relay: the AIOT-IOD-E has one low-power Relay (rated for 1A/30V) interface port to connect an alarm device.

RS485 TX+   RS485 TX-   DO pin1   Relay pin

RS485 RX-   RS485 RX+   DO pin2   GND

12V   5V

GND
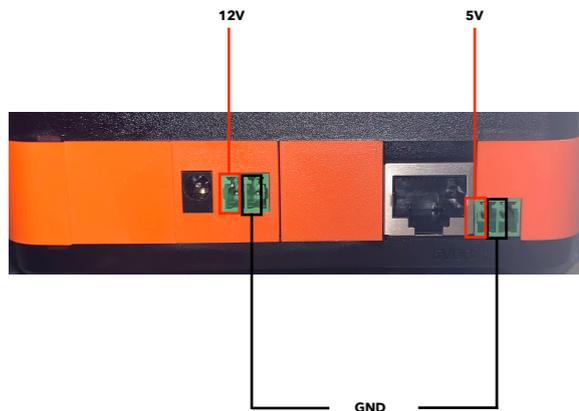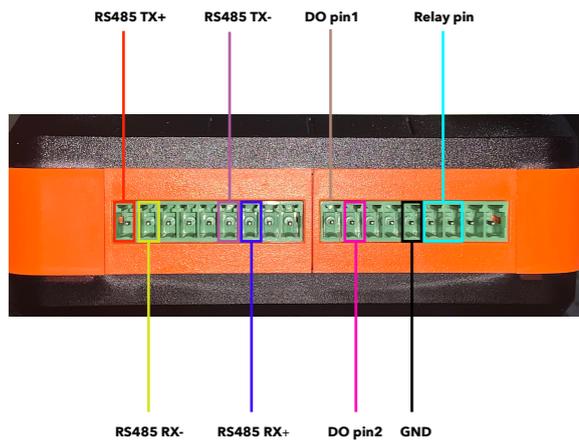
Network connections

The AIOT-IOD-E has one Ethernet port on board. Two IO ports are available to establish management path network connections:

Connect the AIOT-IOD-E device ethernet port to a network switch ethernet port with an ethernet cable. It is important that the AIOT-IOD-E device, switch and host PC are all in the same netwok on the same IP domain and subnet.

Connect power and power on

Insert the power cable into the power input port on the rear side of the AIOT-IOD-E device. Plug the power cable in to a power source and the device will power on automatically.

Configure the AIOT-IOD-E

After starting up the AIOT-IOD-E device the user will hear two buzzer sounds. Type the IP address of the device in as an URL in a browser and the GUI interface of the AIOT-IOD-E device pops up.

QuickView	FunctionView	DeviceView

Ethernet

Pin 1 ON (5sec)   Pin 2 ON (5sec)

Relay_ON   Relay_OFF   5   Relay on with timer

Buzzer on   Buzzer off

Heart beat on   Heart beat off

Reboot
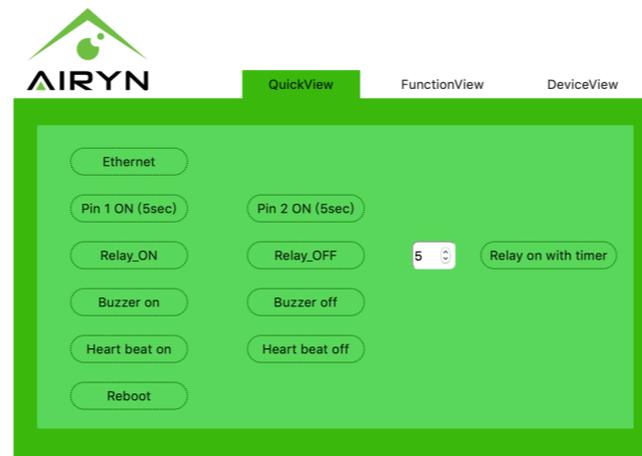
Setting AIOT-IOD-E IP address

There are two ways to connect the AIOT-IOD-E device to the internet: DHCP or static. It is possible to switch between DHCP and statc via the GUI interface. Click the DHCP checkbox to use a DHCP connection.

QuickView	FunctionView	DeviceView

Ethernet

Pin 1 ON (5sec)   Pin 2 ON (5sec)

Relay_ON   Relay_OFF   5   Relay on with timer

Buzzer on   Buzzer off

Heart beat on   Heart beat off

Reboot
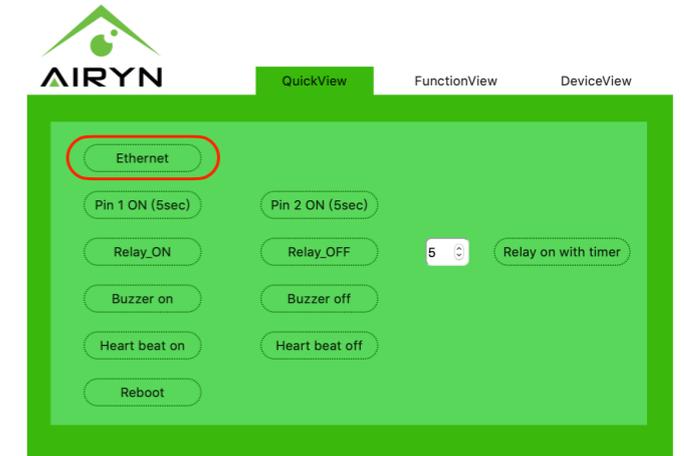
DHCP ☐

ip

192 . 168 . 0 . 1

set ip

Locate AIOT-IOD-E's IP address

Follow below steps to locate the IP address of the AIOT-IOD-E device:

1. Check if the AIOT-IOD-E device is powered on and in the same netwok on the same IP domain and subnet as the host PC.
2. Go to the Device Explorer to find the IP address of the AIOT-IOD-E device in the device list.

Device Explorer

MAC	IP	Version	Application	
0.36.119.86.185.36	10.92.6.73	<TPP2W(G2)-3.80.01>	Airyn-Brook	Buzz
				Reboot
				Upload...
				Set Password...
				Change MAC...
				Abort
				Settings...

Refresh   Close

Refresh complete.