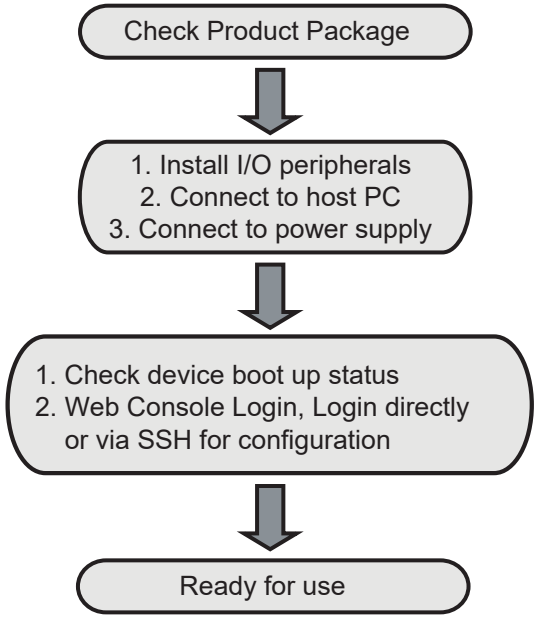
# EMU-210 Series
## Arm-based IoT Gateway

## Getting Started




## Package Contents

Your package should contain:

- EMU-210/EMU-210L
- Quick Start Guide (this document)
- DIN rail mount kit
- Mounting bracket

Optional Accessories:

- AC DC adapter 12V/240W power (P/N: 31-62164-0010-A0)

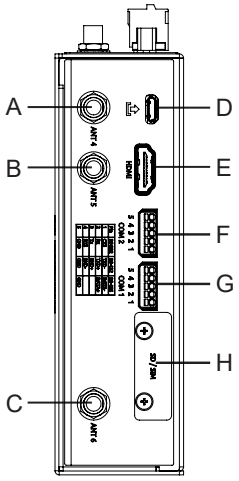




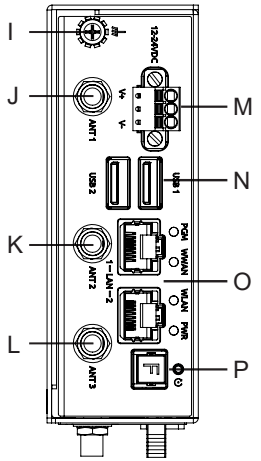
## Features

- Arm-based processor for data processing
- Supports Azure, AWS cloud connection
- Flexible configuration for different user scenarios with wizard
- Two 1Gb Ethernet ports
- One HDMI display output
- Supported communication protocols include Modus TCP/RTU, MQTT, OPCUA and Restful
- Two RS-232/422/485 ports for serial communication
- Python-enabled programmable open platform for customized applications

## I/O & Connectivity




Front



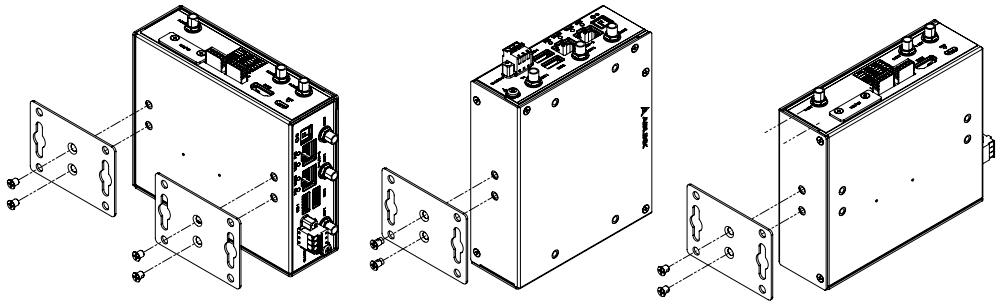

Rear

| Item | Description | Item | Description |
|---|---|---|---|
| A, B, C J, K, L | Antenna connector (optional for Wi-Fi/4G/5G/GPS) | I | Ground screw |
| D | Micro USB Connector | M | DC power input |
| E | HDMI | N | USB 3.0 Type-A |
| F, G | RS-232/422/485 (4-wire) | O | Gigabit Ethernet (GbE, RJ45) |
| H | microSD and SIM slot | P | Function Button for Reset |

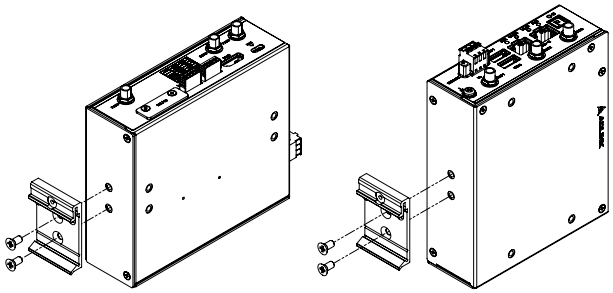


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## Mounting



**Wall Mounting**



**DIN Rail Mounting**

## Installing I/O Peripherals

1. Connect a PC/Hub to one of the top panel Ethernet ports.
2. Connect a 12-24V DC power source to the terminal block on the top panel.





## Check Device Boot Up Status

1. When the EMU-210 Series is powered up, the front panel PWR LED will be green.

## Web Console Login

1. The EMU-210 Series default IP address is 192.168.50.2 from LAN2. Set the IP address of the connected PC to the same network segment 192.168.50.X.
2. Open a web browser on the connected PC (Google Chrome preferred) and enter http://192.168.50.2 in the address bar and press **Enter**.
3. In the login web page, enter the default username (**admin**) and password (**adlink**) to log into the Web Console page.

## Connect and Login directly or via SSH (EMU-210L)

You can directly connect an HDMI display to start logging in (step 3), or use the Ethernet ports to log in remotely (steps 1-3).

1. The EMU-210 series default IP address is 192.168.50.2 from LAN2. Set the IP address of the connected PC to the same network segment (192.168.50.X).
2. Access the EMU-210L Linux system using SSH (ssh root@192.168.50.2).
3. Log in with the username (**root**) and password (**adlink**).

## Reset to Factory Default

To restore the EMU-210 Series factory default settings, press and hold the function button until the unit reboots with the factory default settings restored.

**Contact ADLINK**

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