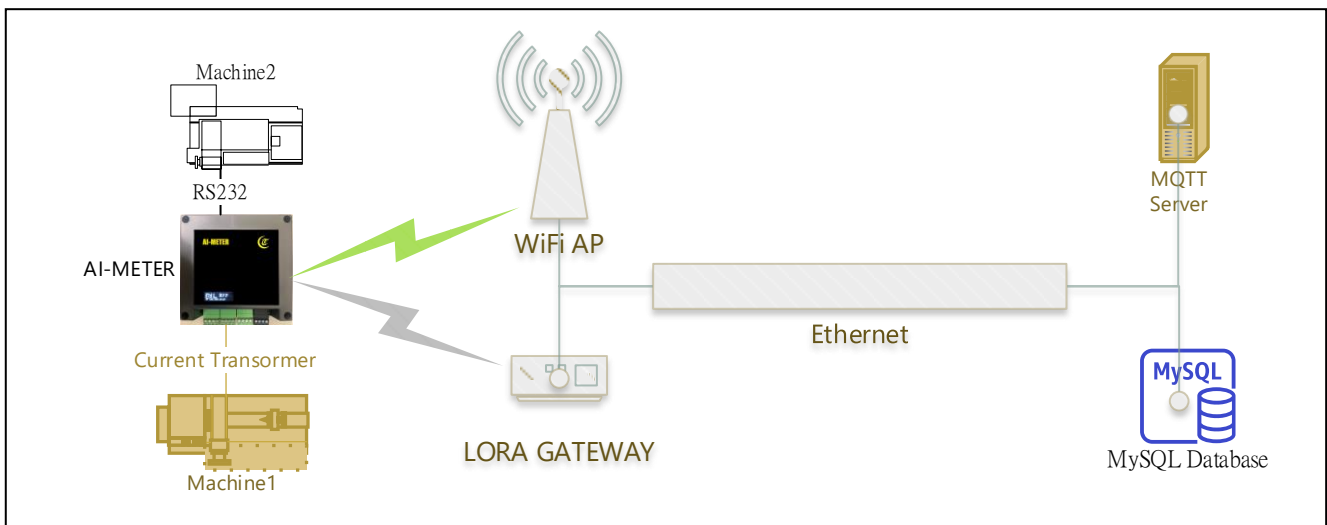


AI-METER



- This device provides electricity monitoring tailored for greenhouse gas emissions in the environmental protection aspect of ESG (Environmental, Social, Governance), aiming to achieve carbon neutrality goals.



Supports three data transmission modes: WiFi/LORA/ETHERNET

- Split-type CT (Current Transformer)

Non-contact installation. Simply clamp this split-type CT onto any phase wire of the device's three-phase electricity to monitor its real-time power consumption.



- Specifications

1. GPI*2, supports NPN sensors, voltage range from 5V to 36V.
2. GPO*2, solid-state relays, supports one normally open and one normally open/normally closed switch.
3. RS232*2 or RS485*2 or one of each RS232 and RS485.
4. Supports three transmission modes: WiFi/LORA/ETHERNET.
5. Input voltage: 9~15V or 18~36V.
6. Supports MySQL and Oracle databases.

- Web configuration and monitoring

DEVICE_ID:

SSID:

PASSWORD:

ECS_IP:

ECS2_IP:

ECS_PORT:

DTC_PORT:

DEVEUI:

APPEUI:

APPKEY:

MEDIA:

COM1_BAUD:

COM2_BAUD:

TRANSFER_INTERVAL: SECONDS

MODBUS_CMD			
485ID	FunCode	StartAddr	Quantity
0: 248	<input type="text" value="4"/>	<input type="text" value="0"/>	<input type="text" value="10"/>
1:	<input type="text"/>	<input type="text"/>	<input type="text"/>
2:	<input type="text"/>	<input type="text"/>	<input type="text"/>

Monitoring values for WEB SETUP configuration

電子看板系統 02/25 11:33:30 系統管理員 系統管理員 EMCTEK

有功電能走勢 (總筆數: 3977)

儲存時間	位址	16進制值	10進制值	單位	資料名稱
2024/2/25 上午 09:53:34	30006 00001AC4	6852	WH	電能值	
2024/2/25 上午 09:51:21	30006 00001AC3	6851	WH	電能值	
2024/2/25 上午 09:48:34	30006 00001AC2	6850	WH	電能值	
2024/2/25 上午 09:46:21	30006 00001AC1	6849	WH	電能值	
2024/2/25 上午 09:44:09	30006 00001AC0	6848	WH	電能值	
2024/2/25 上午 09:41:56	30006 00001ABF	6847	WH	電能值	
2024/2/25 上午 09:39:09	30006 00001ABE	6846	WH	電能值	
2024/2/25 上午 09:35:50	30006 00001ABD	6845	WH	電能值	
2024/2/25 上午 09:33:04	30006 00001ABC	6844	WH	電能值	
2024/2/25 上午 09:30:18	30006 00001ABB	6843	WH	電能值	

No programming required, just intelligent monitoring web pages that need configuration

Real-time data monitoring

- Features

1. Measure device power consumption and record it in the database.
2. Connect to PLCs supporting the MODBUS protocol via RS232/RS485 and read/write data to the database.
3. GPI counting, and write the count value to the database.
4. Remote control of GPOs; if connected to the machine's power switch, remote switching control is possible.
5. Switch GPOs based on specific conditions; for example, when GPI1 is ON and GPI2 is OFF and GPO1 is ON, set the state of GPO2 to ON.
6. Supports secondary development; additional development fees apply.