ADLINK

Application-centric IIoT Gateway

EMU-200 Series



Ideal for renewable energy, EV charging, building and factory equipment monitoring

Discover the use case

ADLINK'S Arm-based IIoT gateway, EMU-200 series, provides communication between different Ethernet or serial-based protocols allowing for wider integration of devices into a network with the ability to send data to the cloud. The EMU-200 series is designed to work in a large variety of applications such as renewable energy monitoring and smart manufacturing.

Low Deployment and Development Effort

- Quick data flow setup with built-in EGiFlow web console
- Python programming support for customized application

Strong Edge-to-cloud Connectivity

- Rich OT-to-IT protocols support
- Remote device monitor ready
- Wi-Fi/4G LTE ready for server/cloud

Compact, Reliable, Adaptable

- DIN rail, Wall mount support
- -40 to 70°C operating temperature range


Smart Manufacturing

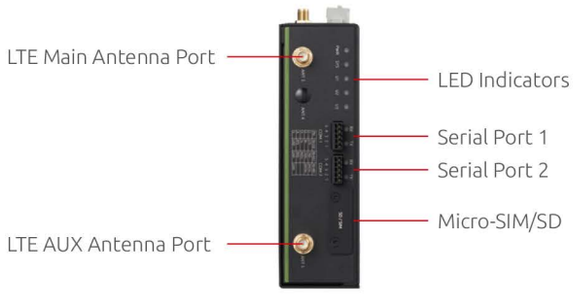

Renewable Energy

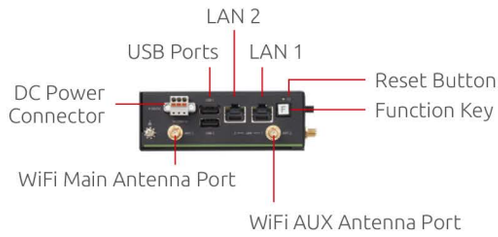

Smart Charging


Smart Building

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Product Illustration





Specifications

Model	EMU-200	EMU-200-W
System		
Processor	ARM Cortex A9 1.0 GHz	
Memory	1 GB DDR3	
NAND Flash (eMMC)	32 GB eMMC	
WiFi	N/A	2.4GHz/5GHz
OS	Debian 11	
Configuration Interface	EGiFlow Web Console	
I/O Interface		
Ethernet	2x RJ45 10BASE-T/100BASE-TX/1000BASE-T ports	
Serial Port	2x RS-232/422/485, 300 bps to 115.2 kbps	
USB	2x USB 2.0 Type-A	
Antenna	5 (2x WiFi, 2x LTE, 1x GNSS)	
M.2	1	
Micro-SIM	1	
External storage		
Storage Slot	1x microSD	
Mechanical		
Dimensions	110.90 (L) x 40 (W) x 131.4 (H) mm	
Mounting	DIN rail kit and wall mount kit	
Housing	Metal, IP40	
Power Supply		
DC Input	9 to 30V	
Environmental		
Operating Temperature	-40°C to 70°C	
Storage Temperature	-40°C to 85°C	
Vibration Resistance	IEC 60068-2-64 compliant Operating: 2 Grms, 5-500 Hz, 3 axes	
Shock Resistance	IEC 60068-2-27 compliant Operating: 20 G, Pulse width: 11 ms duration, 3 times per axis	
Certifications		
EMC	CE/FCC/ICES-003/RCM/BSMI, Class A EN 55032, EN 55035, EN 61000-6-2, EN 61000-6-4, CNS 15936	
Safety	IEC/EN/UL 62368-1	
RF	N/A	CE-RED (EN 300328, EN300440, EN 301489-1/-17, EN301893), RCM, FCC, ISED, NCC

ADLINK LEADING EDGE COMPUTING

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IIoT Gateway Solutions

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