

## Universal Wireless Programmable Control Module

### OVERVIEW:

The AMI-4222 series is an Ethernet-based wireless IoT device, integrated with IoT data acquisition, processing, and publishing functions. As well as various I/O types, the AMI-4222 series provides data pre-scaling, data logic, and data logger functions. These data can be accessed via mobile devices and be published to the cloud with security at anytime and anywhere.



### FEATURES:

- IEEE 802.11 b/g/n 2.4GHz secured Wi-Fi
- FCC/CE/IC/TELEC/KCC/SRRC/NCC
- Bluetooth 5 (LE) with long-rang (LR) support
- Supporting Modbus/TCP and IoT communication protocols
- Log up to 10,000 samples of data with a time stamp
- Data logger can push the data to file-based cloud services.
- Telegram application for control and monitor
- (API) in C, C++, C#
- OTA – Over Air Programming
- On-board or External antenna

### APPLICATIONS:

- Building Management Systems (BMS)
- IOT
- Energy control
- All types of sensors reading
- Smart City applications
- Security applications
- Data Logging
- BI, AI applications

## GENERAL SPEC:

- **Communication** IEEE 802.11 b/g/n 2.4GHz Wi-Fi, Bluetooth 5 LE, Bluetooth mesh
- **Outdoor range** 100 meters with line of sight
- **Connectors** Plug-in screw terminal block (I/O and power)
- **Dimensions (W x H x D)** 90 x 60 x 55
- **Enclosure** PC
- **Mounting** DIN 35 rail, wall, and stack
- **Power Input** 10 ~ 30 VDC (Min – 0.5A)
- **Operating Temperature** -25 ~ 70°C (-13~158°F)

## SELECTION TABLE:

Model Name	Isolated DI Inputs	Isolated S.S DO Outputs	A/D inputs/outputs	RS-485
AMI-4222A	4	2		1
AMI-4222B	4	3		
AMI-4222C	2	3	2	
AMI-4222D	2	2	2	1