



Description

The CSI-RM650 is general purpose input / output module with embedded ISM Radio communication functionality. CSI-RM650 module provides convenient termination for temperature and power load sensors for telemetry applications. Modules are slave devices that can be easily controlled via the RS485 serial interface or ISM RF interface using the industry standard Modbus Protocol.

Highlights:

- Surge-Protected Analog Inputs with 10-bit Resolution
- Outputs can Individually be switched to ON, OFF, AUTO
- High Impact Plastic Enclosure provides durability in commercial environments
- Standard Modbus Protocol allows for up to 254 unique devices on one RS485/RF Network

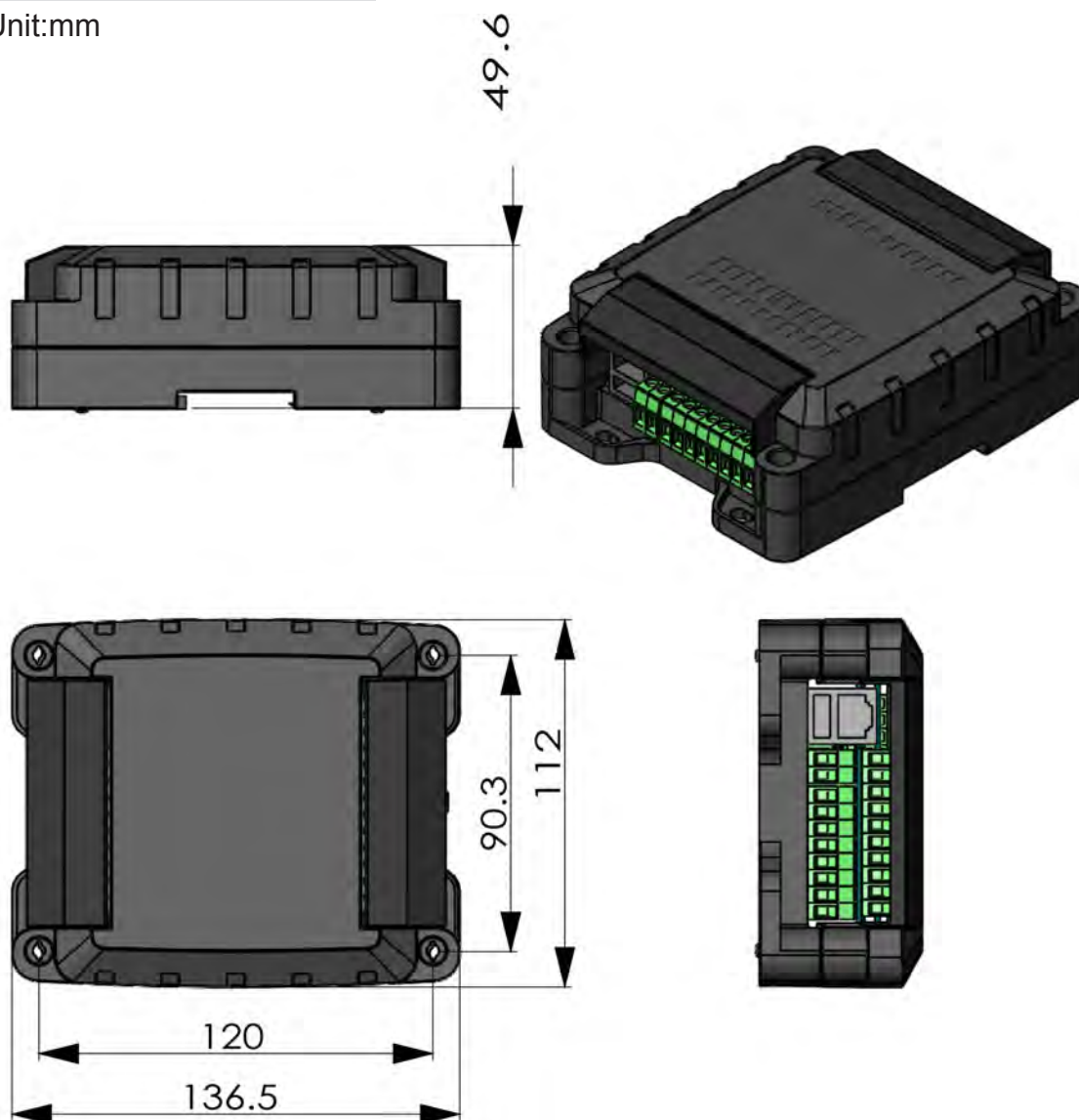
Specifications

| | |
|------------------------------|--|
| Inputs | General purpose 13 Analog Inputs |
| Outputs | 2 Relay Outputs |
| Operating Temperature | -30~70°C (-22~158°F) |
| Supply Voltage | 5~24VAC/DC $\pm 10\%$, 50-60Hz |
| Power Consumption | 100mA at 12VDC |
| Communication | RS485 / ISM RF network |
| Relay Contacts Rating | Max 2A |
| Ambient Humidity | 10-90 %Rh |
| Plastic Housing | Flammability Rating UL 94HB |
| Enclosure | ABS with rubberized texture |
| Temperature Sensor | 10K Thermistor $\pm 0.5^{\circ}\text{C}$ |
| Color | Black |



Dimension

Unit:mm

**FCC Statement****Note:**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Warning

Changes of modifications not expressly approved by the manufacturer could void the user's authority to operate the equipments.