

# HCM360-WIFI-IR

8 Relays & 8 DIs Controller, WIFI & IR Control

**HCM360-WIFI-IR** is an integrated device that enables implementation of automation scenarios for new buildings and refurbishments (lighting, fan-coil control, heaters, curtains, security systems, locks, sensors, IR control etc.)

**HCM360-WIFI-IR** can be used for hotel guestroom automation as well as home/office automation systems. Availability of several inputs, outputs and WiFi makes this device flexible for electronic control systems.

Modbus and Infrared controls help integration with other devices.



## Product Specification

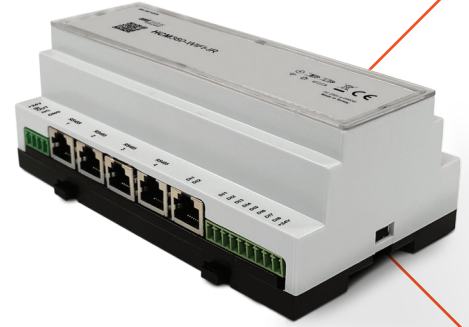
Product Name	<b>HCM360-WIFI-IR</b>
Power supply	DC 24V ± 20% 0.5A
Relay outputs	4 x NO + NC and 4x NO relays (relays are 16A rated)
Digital inputs	8 inputs
RS-485 Interface	4 ports
Network	WiFi 802.11 b/g/n
Infrared Control	Output for Air Conditioner or TV control
Dimensions (W x H x D)	158 x 86 x 60 mm
Case material	Plastic DIN Rail mounting
Operating Temperature Range	0 °C...+45 °C
Storage & Transportation Temperature	-10 °C...+70 °C
Maximum Air Humidity	90%
Protection Level	IP20

## Product Features

Web interface to configure, monitor and control the controller and connected devices
Complex scenarios such as welcome, occupancy, controls of switching of lights/ electrical sockets, actuators, fan coil units, HVAC and more
Compatible with various security and energy saving sensors (fire, smoke, heat, gas, water/flood, laser sensors, magnetic door/window switches etc)
RS-485 (Modbus RTU/ASCII)
IR for TV, A/C, audio volume, etc.
Built-in real time clock and back-up battery to restore status at power cut-off and date/time based events
Over voltage protection
WiFi (Modbus TCP, HTTP)
Update firmware via WiFi and RS485

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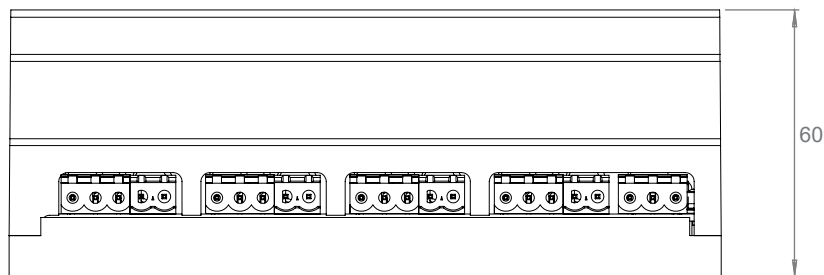
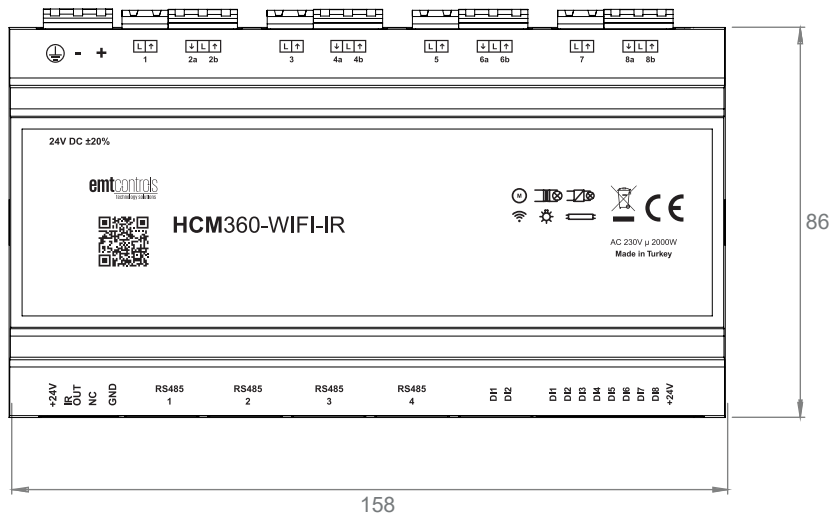


## Installation

Independent device to be mounted inside distribution boxes or electrical panels.

## Dimensions

Top & Side views (mm) (as mounted on the DIN Rail)

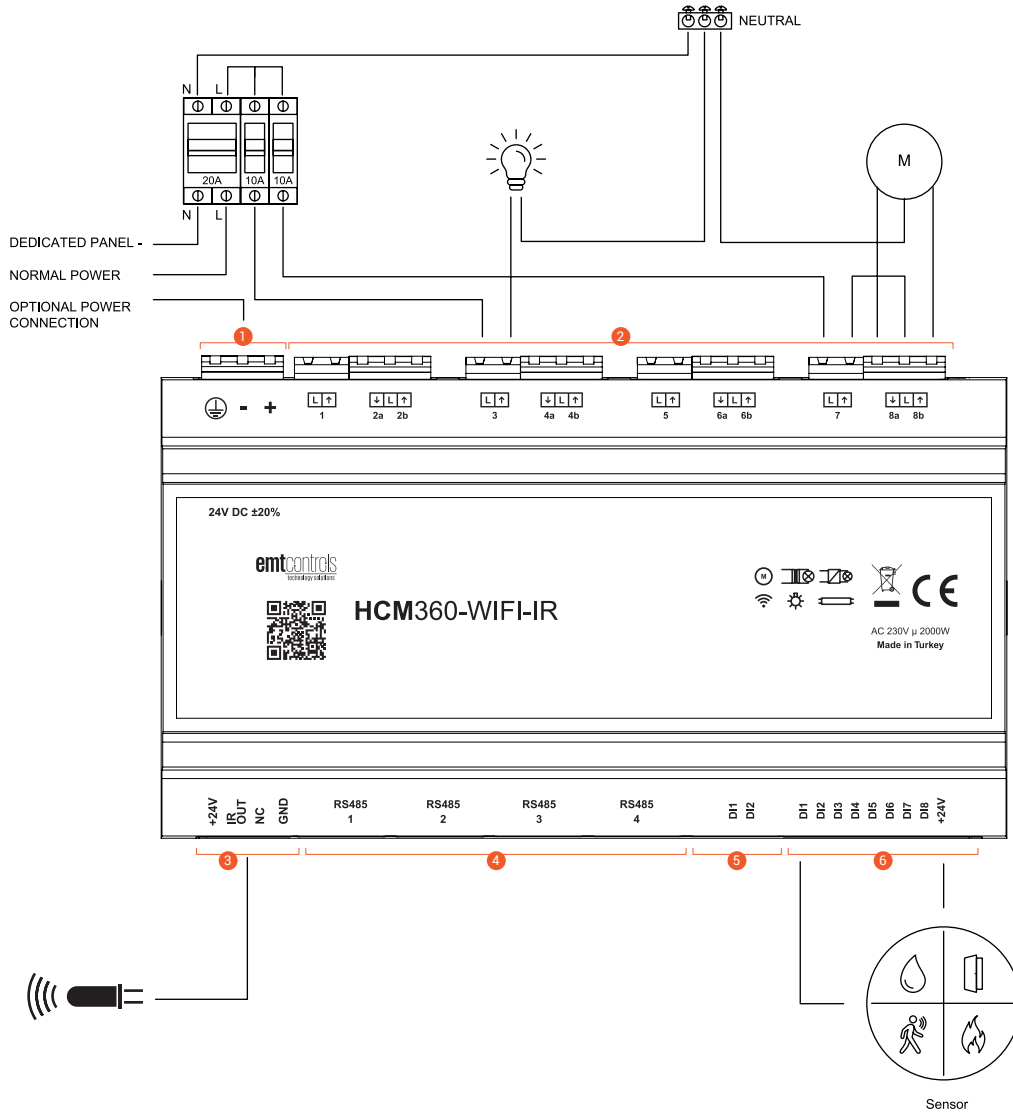


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## Wiring Diagram



## Loading Type

Fancoil Unit	Relay 1-8
Lighting	Relay 1-8
Curtain	Relay 1-8

• Warning: non proper connection will void warranty and may damage the device.

## Product Functions

- 1 Power Connector
- 2 Digital Outputs 1..8
- 3 Infrared Control
- 4 RS485 Channels 1..4
- 5 Digital Inputs 1-2 (RJ45 Connector)
- 6 Digital Inputs 1..8