

# General information

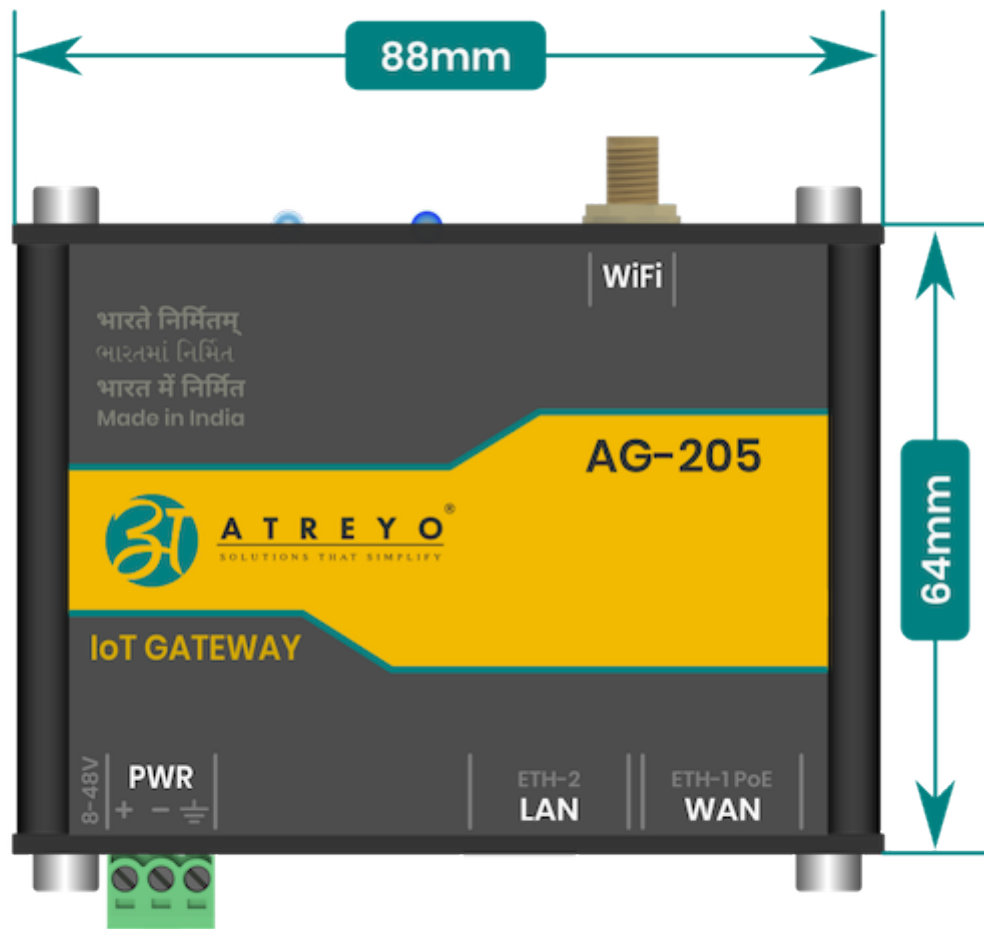
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| Download technical specification | <a href="#">Technical Specification</a> |
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## Hardware informations

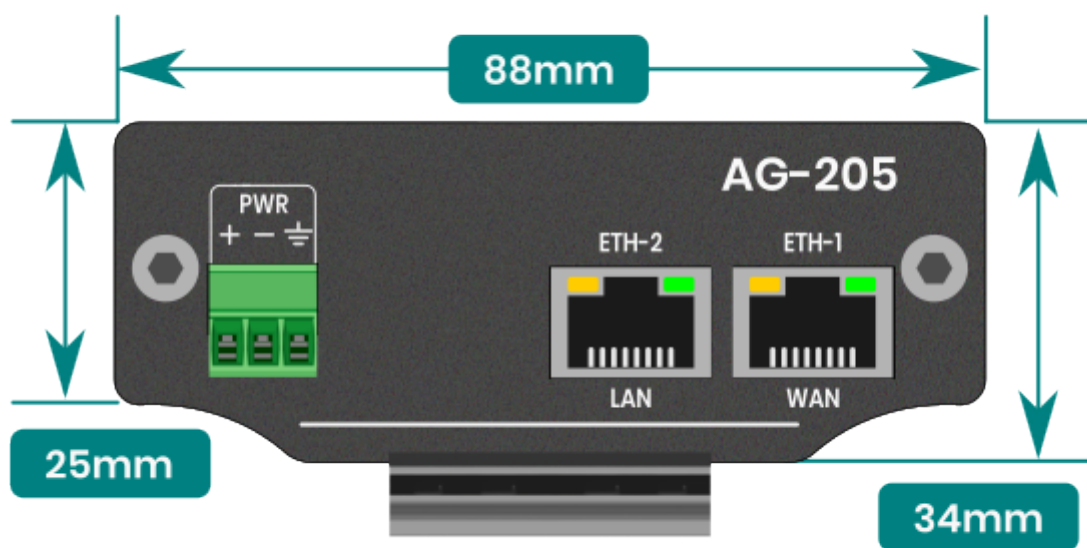
The Gateway is made on one PCB, which is fitted to the aluminum housing. The housing is made of a thick, strong aluminum profile with two end plates also made from aluminum. The surface of the housing is finished by anodizing.

At the bottom of the housing there are slots through which DIN rail clamp or any other clamp can be mounted by t-nuts.

### Top view dimensions



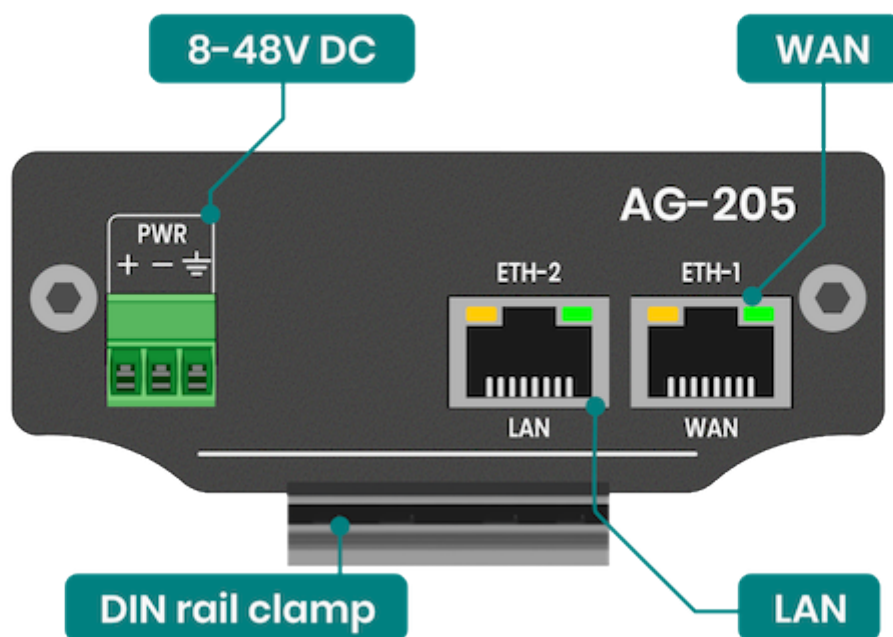
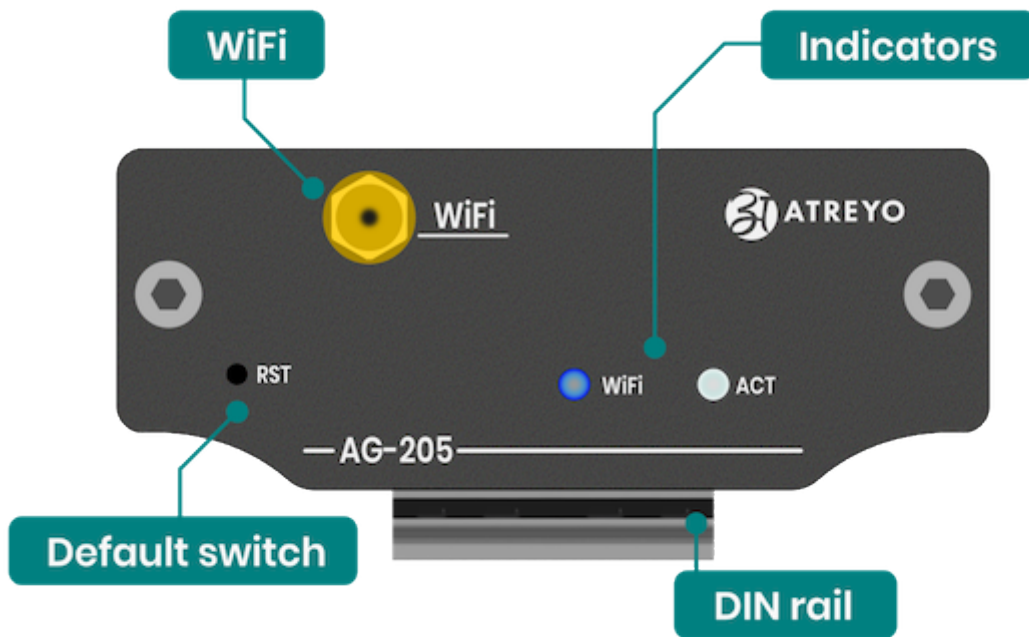
Side view dimensions



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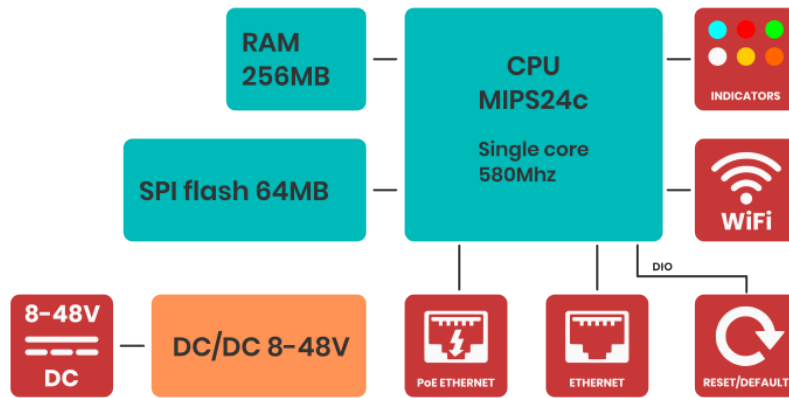
## Connectors

Top view connectors and indicators



## Block diagram

For a better understanding of the operation of the gateway, refer to the block diagram. Non-essential components have been omitted. Developers who program peripherals such as GPIOs, serial etc. will find information about them in the sections dedicated to such peripherals.



## Power supply

The Gateway power supply range is 8-48V DC. First, connect the power supply according to the diagram. The Gateway is protected against reverse power connection. If the polarity is reversed, the Gateway will not start.

## PoE

The Gateway can also be powered via PoE in the range of input power supply using unused pairs of wires in the LAN cable. Below is the pinout of the RJ45 socket.

| Pin number | Function | Comment               |
|------------|----------|-----------------------|
| 1          | RX+      | Data                  |
| 2          | RX-      | Data                  |
| 3          | TX+      | Data                  |
| 4          | DC+      | Power supply positive |
| 5          | DC+      | Power supply positive |
| 6          | TX-      | Data                  |
| 7          | DC-      | Power supply negative |
| 8          | DC-      | Power supply negative |