

Wifi Airlink

Target Application

- Internet of things IoT
- Home Automation
- WiFi WEB Relay Control
- WiFi WEB optical inputs check
- Remote relay control
- Data Collection to WEB Data Base
- Temperature WEB Monitor
- Connect with iPlace server

Features

- Wi-Fi module Espressif ESP8266 WROOM-02
- 4 MB Flash
- 1 x GROVE connectors 1 external
- 1 x UEXT internal connector
- 4 Relay Outputs
- 4 Optical Isolated Inputs
- RS485 port
- Switching Regulator power supply
- Arduino compatible

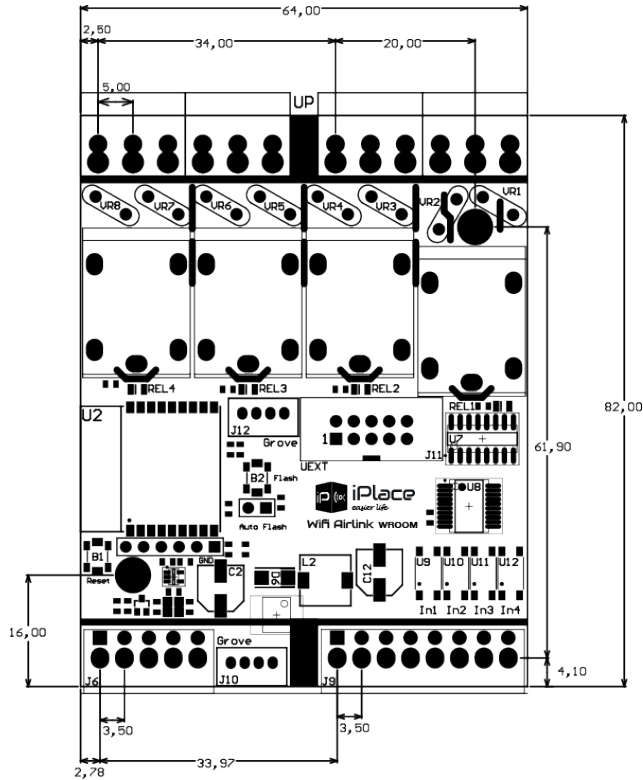
Specifications

Name	Min	Max	Unit
Power supply DC	5	30	V
OptoIn (On) DC	1,5	30	V
Relay output AC/DC	-	250	V
Relay output AC/DC	-	5	A

Box dimensions (in mm)

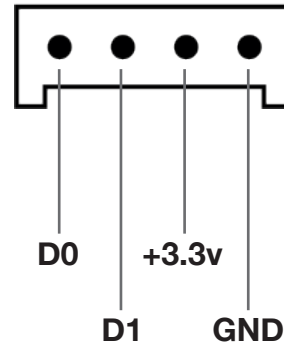
Width	Height	Length
70	32	92

Board dimensions (in mm)



Expansion Connectors

AUX TEMP



Electrical specification

The power consumption measured on **Power supply** connector

Voltage	All Relays Off	All Relays On
5 V	0,080 A	0,300 A
12 V	0,040 A	0,150 A
24 V	0,022 A	0,083 A

Optical input, galvanic isolated. Consumption when **ON**

Input	Consumption
1,5 V	0,3 mA
5 V	0,6 mA
12 V	1,0 mA
24 V	1,5 mA

Optically isolated inputs polarity

