WIEM-2401

- Support IEEE 802.11 b/g/n
- Rich I/O Ports for Various Applications,

  such as smart plug, lighting, and remote control, etc.
- Support WPA/WPA2 Personal
- Operation in Station / SoftAP Mode
- Support Printed, IPEX, or Chip antenna Connector

This development board is equipped with rich I/O ports, so it is suitable for developers to work on different applications such as home automation, smart plug, lighting, metering, remote control, or any other network devices.

Technical Specifications	
Model Name	WIEM-2401
Development Board	
Interface	Mini USB for Power Supply / USB to TTL / USB Flash Programmer
	Infrared Receiver / Transmitter
	RS-485 Connector / RS-232 Connector
	High Power LED Connector
	DHT11 Humility and Temperature Sensor
	Receiver and Transmitter Indicators
	Relay Connector and Operation Indicator
	PCB Connector / IPEX Antenna Connector
	RGB LED
	PIR Sensor
	User Define Connector

Specification for Wi-Fi Module	
Wi-Fi Standard	802.11 b/g/n, 2.4GHz
Processor	32-bit RISC Microprocessor as the Host MCU
Flash	8Mbit
Interface	UART, SPI, PWM, GPIOs
Function	AP / STA Mode
Security	WEP 64/128, WPA/WPA2
Antenna Type	Printed Antenna; IPEX Connector; Onboard Antenna Connector

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