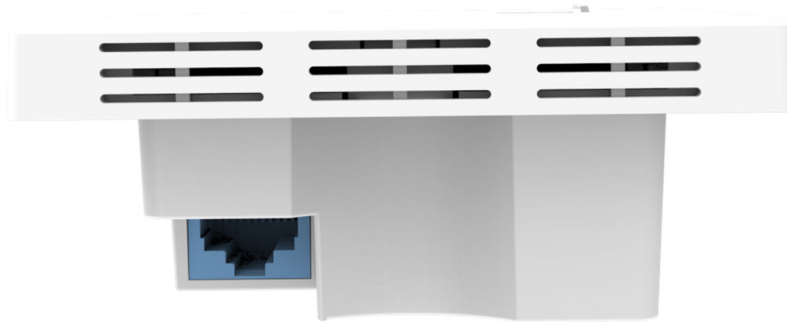# HIC-APB51
Product Specification

Product Features

- **Simultaneous operation of 2.4GHz (300Mbps) and 5GHz (867Mbps) for maximum wireless throughput**

- **Supports hardware watchdog function for automatic recovery of abnormal devices, eliminating the need for maintenance**

- **Heat sink with special surface coating for improved heat dissipation**
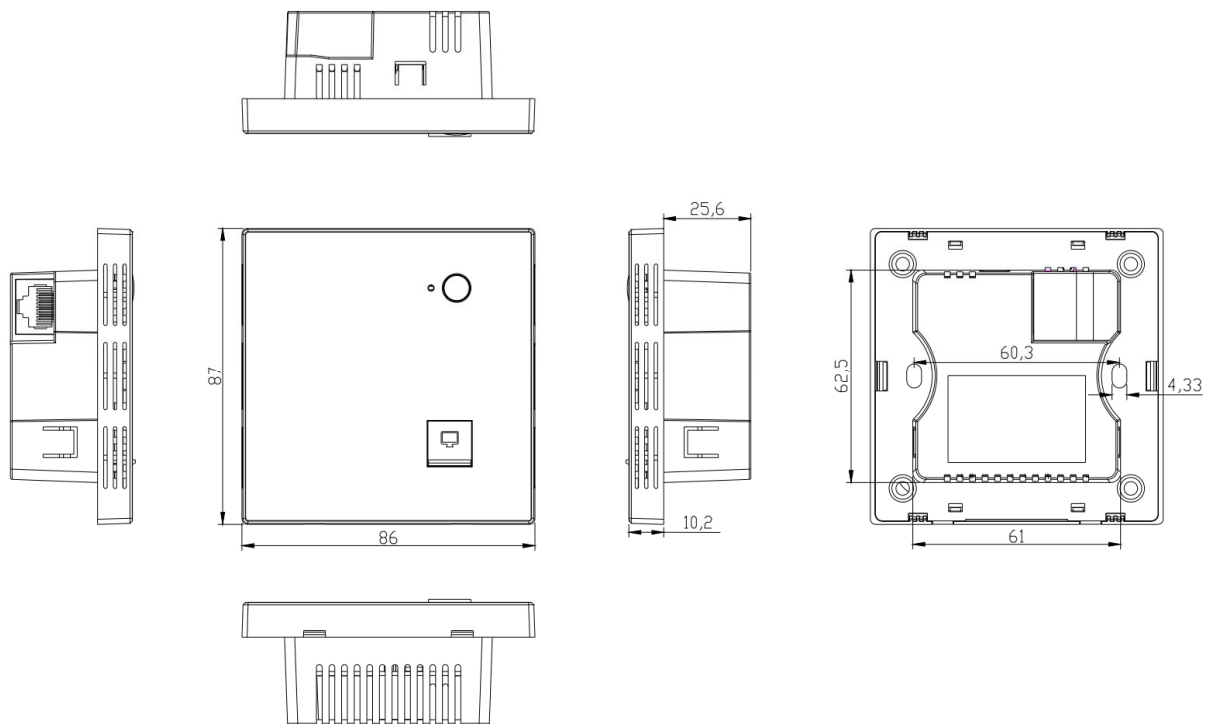
- **Supports 48V PoE**

Technical Parameters

Product Model	HIC-APB51
CPU	MT7628DAN+MT7613BEN
Flash	8M
DDR2	64M
2.4G Frequency Band	2.4GHz – 2.484GHz
2.4G WIFI Protocol	802.11 b / g / n
5G Frequency Band	5.150GHz ~ 5.850GHz
5G WIFI Protocol	802.11 a / n / ac
Antenna (2.4G)	2*omnidirectional antennas, each with a gain of 2dBi
Antenna (5G)	2*omnidirectional antennas, each with a gain of 2dBi
SSID Hidden	Supported
Max Rate	1200Mbps
Max Wireless Access Support	100+
Frequency Offset	±20ppm
Interface (WAN)	1x 10/100M adaptive WAN port, supports 48V PoE
Interface (LAN)	1x 10/100M adaptive LAN port
POE	48V 802.3af
Button	Reset button (short press to turn off, long press 6-10 seconds to restore factory default configuration)
Status Indicators	System indicator light
Maximum Power	< 8W
ESD	Air discharge +/-8K, contact discharge +/-4K
Surge	Common mode 1kV, Differential mode 0.5kV
Product Dimensions	87mm*86mm*35.8mm
Weight	96g
Operating Environment	Normal operating temperature: -10°C to 40°C; Storage temperature: -40°C to 70°C; Humidity: 5% to 95% (non-condensing)

Interface Diagram

Product Dimensional Drawing

Attachment List

Main unit * 1
Screw * 2
User manual * 1
Certificate of compliance and warranty card * 1