



**光语**  
GLORY

# **AirEngine 5760-51-G**

## **Wireless Access Point**

# AirEngine 5760-51-G

## Wireless Access Point



### ■ Product Overview

The AirEngine 5760-51-G supports a new generation of indoor aps for the Wi-Fi 6 (802.11ax) standard. Support three RF/dual RF mode flexible switching, easy to serve different customers and traffic types, the overall speed up to 5.37Gbps, through the RTU License upgrade, the overall speed up to 5.95Gbps. Built-in smart antenna, the signal moves with the user, greatly enhancing the user's experience of wireless network use. Suitable for deployment in enterprise office, coffee shop, leisure center and other places.

- Built-in intelligent antenna, based on intelligent switching algorithm to automatically adjust the coverage direction and signal strength to adapt to changes in the application environment, and can accurately and stably cover with the movement of the terminal;
- Support 1\*5GE electrical port + 1\*GE electrical port;
- Provide USB interface, can be used for external power supply, expansion of external Internet of things, can also be used for storage;
- Implements connected slot (PCIE interface), support BLE5.2/ZigBee/RFID/Thread iot extension;
- Built-in Bluetooth, with CloudCampus APP can achieve Bluetooth serial port operation and maintenance;
- Support FIT/FAT/ cloud management three working modes;

#### Basic ability:

- Support dual RF mode: 2.4GHz(2x2)+5GHz(4x4), triple RF mode: 2.4GHz(2x2)+5GHz(2x2)+5GHz(2x2), the two modes are flexible and can be cut, among which the maximum rate of 2.4GHz band is 574Mbps, and the maximum rate of 5GHz band is 4.8Gbps, and the machine speed can reach 5.37Gbps;

#### RTU License upgrade:

- Support dual RF mode: 2.4GHz(4x4)+5GHz(4x4), triple RF mode: 2.4GHz(2x2)+5GHz(2x2)+5GHz(4x4), scan mode: 2.4GHz(2x2)+5GHz(4x4)+ independent RF scanning, the above mode is flexible and can be cut, of which the maximum rate of 2.4GHz band is 1.15Gbps, the maximum rate of 5GHz band is 4.8Gbps, and the machine speed can reach 5.95Gbps;

#### Instructions

- Basic capabilities are the modes and features that are supported by default.
- Upgrading a Right to use (RTU) License means adding more space flows and features to basic capabilities.

## Product Specifications

Items		Description		
Physical Parameters	Dimensions (diameter × height)	Φ220 × 51mm		
	Weight	1.15kg		
	Interface	1*100/1000M/2.5G/5GE electrical port 1*10/100M/GE electrical port 1*USB Instructions · port The 5GE electrical port supports PoE input.		
	IoT Expansion Module	Built-in iot slot (PCIE interface) to support PCIE cards such as ZigBee/RFID/Thread		
	BLE	BLE5.2		
	LED	Indicates the system power-on status, startup status, operating status, and alarm and fault status		
Power Supply Parameters	Power Input	DC: 42.5V to 57V PoE power supply: meet the 802.3at/bt power over Ethernet standard		
	POE Power Supply Mode	2.4 GHzw	5GHz	Power consumption (excludingUSB, IoT)
	802.3 bt (PoE++)	4 × 4 (RTU)	4 × 4 (RTU)	28.8 W.
		2 × 2 (RTU)	2 × 2 + 4 × 4 (RTU)	
		2 × 2 (default)	4 × 4 (default)	< 25.5 W.
		2 × 2 (default)	2 × 2 + 2 × 2 (default)	
	802.3at (PoE+)	4 × 4 (RTU)	4 × 4 (RTU)	< 25.5 W.
		2 × 2 (RTU)	2 × 2+4 × 4 (RTU)	
		2 × 2 (default)	4 × 4 (default)	
		2 × 2 (default)	2 × 2 + 2 × 2 (default)	
	<b>Instructions:</b> For 802.3at (PoE+), the port rate is limited, 5GE is reduced to 2.5 GE, and the GE port is unavailable. The actual maximum power consumption of Ethernet ports, IoT,USB, and bandwidth in different power supply modes varies according to the laws and regulations of different countries and regions.			
Environmental Parameter	Operating Temperature	-10°C to +50°C Instructions · the local temperature of the shell may be higher than the working temperature, but it will not affect the use of the safety standard range.		
	Storage Temperature	-40°C to +70°C		
	Operating Humidity	5% to 95% (non-condensing)		
	Altitude	- 60m to 5000m		
	Working Air Pressure	53kPa to 106kPa		
Rf Parameters	Antenna Type	Built-in smart antenna		
	Antenna Gain	2.4GHz: 4.5dBi 5GHz : 5.5dBi Instructions · The above gain is the peak gain of a single antenna. After combining all antennas of 2.4GHz or 5GHz, equivalent antenna gain: 2.4GHz: 3dBi, 5GHz: 4dBi.		
	Maximum Number of SSIDs Per RF	≤16		
	Maximum Number of Users	≤1024 (Dual-RF mode) (512/ RF) ≤1152 (triple-RF mode) (128(2.4G RF)+512(5G RF 1)+512(5G RF 2)) Instructions · The actual number of users varies according to the usage environment.		
	Max. Transmit Power	2.4GHz: 26dBm (combined power) 5GHz: 26dBm (combined power) Instructions · The actual transmit power varies according to national and regional regulations.		
	Power Adjustment Step Size	1dBm		



***Ignite future, connect world***



---

**Guangdong Glory Technology Co., Ltd.**

Email: [service@glory-t.tech](mailto:service@glory-t.tech)

Hotline: +86 400-800-6805

For more information, please visit [www.glory-t.cn](http://www.glory-t.cn)

\*The descriptions and information displayed in the product promotional materials are for reference only. The actual delivered product shall prevail. The final interpretation right belongs to GLORY.