



光语
GLORY

AirEngine

6760R-51-G & 6760R-51E-G

Wireless Access Point



AirEngine 6760R-51-G



AirEngine 6760R-51E-G

■ Product Overview

The AirEngine 6760R-51-G & 6760R-51E-G supports Wi-Fi 6 outdoor aps in the Wi-Fi 6 (802.11ax) standard. Support 2.4GHz (4×4) and 5GHz (4×4) dual-band services at the same time, and the overall speed can reach 5.95Gbps. It has excellent outdoor coverage performance and super IP68 waterproof, dustproof and lightning protection capability. Support optical/electrical uplink port, easy for customers to use different deployment modes, effectively save customer investment, suitable for high-density venues, squares, pedestrian streets, amusement parks and other coverage scenes.

- Support dual radio 2.4GHz(4×4)+5GHz(4×4) work at the same time, of which 2.4GHz band maximum rate of 1.15Gbps, 5GHz band maximum rate of 4.8Gbps, the machine speed can reach 5.95Gbps;
- Support 1*5GE electrical port +1*GE electrical port +1 x10G optical port;
- Support Ethernet interface 6KA enhanced lightning protection, IP68 waterproof and dustproof grade, -40°C to +70°C wide temperature operation, fully meet the requirements of industrial use;
- The AirEngine 6760R-51-G built-in antenna;
- The AirEngine 6760R-51E-G external antenna port supports 5KA antenna lightning protection, without external lightning protection device, simplifying installation and reducing overall cost;
- Built-in Bluetooth, with CloudCampus APP can achieve Bluetooth serial port operation and maintenance; With the positioning server, it can realize the accurate positioning of Bluetooth terminal and Tag;
- Support FIT/FAT/ cloud management three working modes.

Product Specifications

Items		Description		
Physical Parameter	Dimensions (W × D × H)	270 × 220 × 85mm		
	Weight	AirEngine 6760R-51-G: 3kg AirEngine 6760R-51E-G: 3.1kg		
	Interface	1*100M/1000M/2.5G/5G electrical port 1*10/100/1GE electrical port 1*1G/10G optical port Instructions · The 5GE electrical port supports PoE input. · The 10 Gbit/s optical port supports 10GE/GE optical modules.		
	BLE	BLE5.2		
	LED Indicator	Indicates the system power-on status, startup status, operating status, and alarm and fault status		
Power Supply Parameters	Power Input	PoE power supply: Meet the 802.3at/bt Power over Ethernet standard		
	POE Power Supply Mode	2.4 GHz	5 GHz	Power consumption
	802.3 bt (PoE++)	4×4	4×4	35.3 W.
	802.3at (PoE+)	2×2	2×2	< 25.5 W.
Environmental Parameters	Operating Temperature	-40°C to +70°C Instructions · The local temperature of the housing may be higher than the operating temperature, but it will not affect the use of the safety standard.		
	Storage Temperature	-40°C to +85°C		
	Operating Humidity	0% to 100%		
	Dust and water resistance rating	IP68		
	Altitude	-60m to 5000m		
	Working Pressure	53kPa to 106kPa		
Rf Parameters	Antenna Type	AirEngine 6760R-51-G: Internal antenna AirEngine 6760R-51E-G: External antenna		
	Antenna Gain	AirEngine 6760R-51-G: 2.4GHz: 10dBi 5GHz: 11dBi		
	Maximum SSID per RF Quantity	≤16		
	Maximum Number of Users	≤1024 (512/ RF) Instructions The actual number of users varies according to the operating environment.		
	Maximum Transmit Power	2.4GHz: 30dBm (combined power) 5GHz: 30dBm (combined power) Instructions Actual transmitted power varies according to national and regional regulations.		
	Power Adjustment Step Size	1dBm		



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