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AirEngine 5761R-11-G & AirEngine 5761R-11E-G Wireless Access Point

Datasheet



AirEngine 5761R-11-G

AirEngine 5761R-11E-G

■ Product Overview

The AirEngine 5761R-11-G & 5761R-11E-G supports Wi-Fi 6 outdoor aps in the Wi-Fi 6 (802.11ax) standard. AirEngine 5761R-11-G support 2.4GHz (2×2) +5GHz (2×2) dual-band service at the same time, the overall speed can reach 1.775Gbps, AirEngine 5761R-11E-G support 2.4GHz (2×2) +5GHz (2×2) or 5GHz (2×2) +5GHz (2×2) dual-band service can be provided at the same time, and the machine speed can reach 2.4Gbps. It has excellent outdoor coverage performance and super IP68 waterproof, dustproof and lightning protection ability. 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.

- The AirEngine 5761R-11-G has a built-in antenna that supports dual RF 2.4GHz (2×2) +5GHz (2×2) simultaneous operation, with a maximum rate in the 2.4GHz band 0.575Gbps, the maximum speed of 5GHz band 1.2Gbps, the machine speed can reach 1.775Gbps;
- The AirEngine 5761R-11E-G external antenna, support the following working modes:
 - 2.4G+5G mode: 2.4GHz(2×2)+5GHz(2×2) provides services simultaneously. Among them, the maximum speed of 2.4G band is 0.575Gbps, and the maximum speed of 5G band is 0.575Gbps 1.2Gbps, the machine speed can reach 1.775Gbps;
 - Dual 5G mode: 5GHz(2×2)+5GHz(2×2) simultaneously provides services. The maximum speed of 5G frequency band is 1.2Gbps, and the overall speed can reach 2.4Gbps;



- Support 1*GE electrical port +1*GE 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 5761R-11E-G external antenna port supports 5KA antenna lightning protection, without external lightning protection device, simplifying installation and reducing the overall cost;
- Built-in Bluetooth, with CloudCampus APP can achieve Bluetooth serial port operation and maintenance;
- Support FIT/FAT/ cloud management three working modes;
- The AirEngine 5761R-11-G with Ex ec IIC T5 Gc explosion-proof qualification, can be used in harsh environment, such as power plants, workshops, pipe corridors and other requirements of the corresponding level of explosion-proof scene *.

■ ■ Product Specifications

Items		Description
Physical Parameters	Dimensions (W × D × H)	200 × 200 × 69 mm
	Weight	AirEngine 5761R-11-G: 1.91kg AirEngine 5761R-11E-G: 2.04kg
	Interface	1*10/100M/1GE electrical port 1*SFP optical port Instructions · GE electrical ports support PoE input.
	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/af Power over Ethernet standard Instructions At 802.3af, there are limits to AP
	Maximum Power Consumption	AirEngine 5761R-11-G: 17.7W AirEngine 5761R-11E-G: 19.6W Instructions The actual maximum power consumption varies according to national and regional regulations.
Environmental Parameters	Operating Temperature	-40°C to +70°C
	Storage Temperature	-40°C to +85°C
	Operating Humidity	0% to 100%
	Dust and water resistance rating	IP68

Items		Description
Rf Parameters	Antenna Type	<p>AirEngine 5761R-11-G: Built-in directional antenna</p> <p>Instructions</p> <ul style="list-style-type: none"> · 2.4GHz antenna horizontal lobe 65 degrees, vertical lobe 40 degrees. · The horizontal lobe of the 5GHz antenna is 65 degrees and the vertical lobe is 20 degrees. <p>AirEngine 5761R-11E-G: External antenna</p>
	Antenna Gain	<p>2.4GHz: 10dBi</p> <p>5GHz: 11dBi</p>
	Maximum SSID per RF Quantity	≤16
	Maximum Number of Users	<p>≤1024 (512/ RF)</p> <p>Instructions</p> <ul style="list-style-type: none"> · The actual number of users varies according to the operating environment.
	Maximum Transmit Power	<p>2.4GHz: 28dBm (combined power)</p> <p>5GHz: 27dBm (combined power)</p> <p>Instructions</p> <ul style="list-style-type: none"> · Actual transmitted power varies according to national and regional regulations.
	Power Adjustment Step Size	1dBm



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