



## Overview

Huawei AirEngine 5761R-11E is an outdoor AP in compliance with the Wi-Fi 6 standard (802.11ax). It stands out with excellent outdoor coverage performance, IP68 waterproof and dustproof design, and strong surge protection capability. The AP provides uplink optical and electrical ports, allowing customers to select different deployment modes and saving customers' investment. These strengths make AirEngine 5761R-11E ideal for high-density scenarios such as stadiums, squares, pedestrian streets, and amusement parks.

## Quick Specification

Table 1 shows the quick specification.

Model	AirEngine 5761R-11E
Part Number	02354DKT
Description	AirEngine5761R-11E (11ax outdoor, 2+2/2 dual bands, external antenna, BLE)
Dimensions with packaging	160 mm x 470 mm x 390 mm (6.30 in. x 18.50 in. x 15.35 in.)
Weight with packaging	4.12 kg (9.08 lb)
Maximum power consumption	19.6 W
Maximum heat dissipation	66.9 BTU/hour

Figure 1 shows the appearance of AirEngine 5761R-11E.



## Get More Information

Do you have any question about the AirEngine 5761R-11E (02354DKT)?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).





## Specification

AirEngine 5761R-11E Datasheet	
Model	AirEngine 5761R-11E
Part Number	02354DKT
Description	AirEngine5761R-11E (11ax outdoor, 2+2/2 dual bands, external antenna, BLE)
Installation Type	Wall,Pole
Dimensions without packaging (H x W x D) [mm(in.)]	69 mm x 200 mm x 200 mm (2.72 in. x 7.87 in. x 7.87 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	160 mm x 470 mm x 390 mm (6.30 in. x 18.50 in. x 15.35 in.)
Weight without packaging [kg(lb)]	2.04 kg (4.50 lb)
Weight with packaging [kg(lb)]	4.12 kg (9.08 lb)
Storage	NAND Flash 512 MB
Console port	Bluetooth console
Maximum power consumption [W]	19.6
Maximum heat dissipation [BTU/hour]	66.9
Power supply mode	PoE
Input voltage range [V]	PoE: 802.3at/af
Service port surge protection	6 kA in common mode
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing GE optical port (SFP)
Long-term operating temperature [°C(°F)]	-40°C to +65°C (-40°F to +149°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum temperature of the device decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +85°C (-40°F to +185°F)
Long-term operating relative humidity [RH]	0% RH to 100% RH
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ingress protection level (dustproof/waterproof)	IP68
Ground	Grounding
Antenna port surge protection [kA]	5 kA surge protection capability without external surge protection devices
Wind resistance	67 m/s
USB	Not supported
IoT slot	Not supported
BLE	BLE5.2





Radio number	2
Operating frequency band	2.4GHz,5GHz
MIMO spatial streams	Radio 0 (2.4 GHz/5 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	External antenna
Antenna gain	BLE: 5 dBi
Maximum transmit power	2.4G: 28 dBm (Max) 5G: 27 dBm (Max) Note: This is the total MIMO radio power, which is the same as: 2.4G: 25 dBm/chain (Max) 5G: 24 dBm/chain (Max) BLE: < 10 dBm
MTBF [year]	108
MTTR [hour]	0.5
Frequency stability [ppm]	+/-20
802.3bt power supply description	No function is limited.
802.3at power supply description	No function is limited.
802.3af power supply description	Wi-Fi: - 2.4 GHz + 5 GHz dual-radio mode: 2.4 GHz (2x2) + 5 GHz (2x2). The maximum combined transmit power is adjusted to 23 dBm (2.4 GHz radio) and 23 dBm (5 GHz radio). - Dual-5 GHz radio mode: 5 GHz (2x2) + 5 GHz (2x2). The maximum combined transmit power is adjusted to 23 dBm (both 5 GHz radios) . Wired network port: The GE/PoE_IN port and the SFP optical port cannot work simultaneously. Only one of them works at a time, and the optical port takes precedence.

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