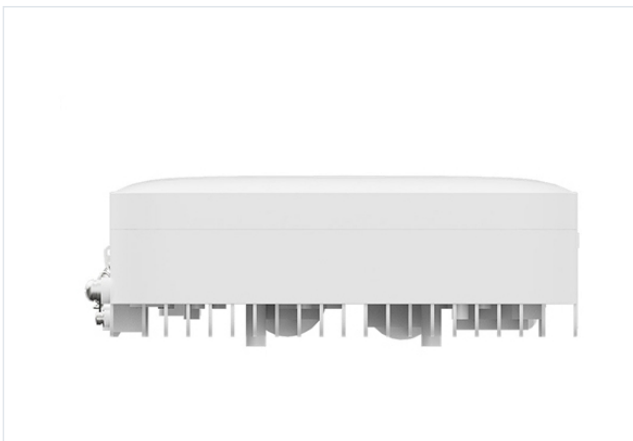


02355VFB

Huawei Wireless AP761 Wi-Fi 6 Outdoor Access Point

Product Overview

Huawei Wireless AP761 Wi-Fi 6 Outdoor Access Point, 1x Gigabit Port, 1x SFP Optical Port, 2.4GHz 10 dBi antenna gain, 5GHz 11 dBi antenna gain, 575 Mbps at 2.4GHz, 1.2 Gbps at 5GHz



Specifications

Overview:

Huawei eKitEngine AP761 Wi-Fi 6 Access Point

Huawei eKitEngine AP761 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 the AP ideal for high-density scenarios such as stadiums, squares, pedestrian streets, and amusement parks.

Built-in directional antennas, enabling the AP to work simultaneously on the 2.4 GHz (2x2) and 5 GHz (2x2) frequency bands, achieving a device rate of up to 1.775 Gbps (0.575 Gbps at 2.4 GHz and 1.2 Gbps at 5 GHz). 1 x GE electrical port + 1 x GE optical port. 6 kA surge protection for Ethernet ports, IP68 waterproof and dustproof level, and extended operating temperature range from -40 degrees C to +65 degrees C, meeting industrial-grade requirements. Working modes: Fit, Fat, and cloud management.

Wi-Fi 6 (802.11ax) standard

As the latest Wi-Fi standard defined in IEEE 802.11, 802.11ax improves the user access capacity and bandwidth in high-density access scenarios, reduces service latency, and enhances user experience. Multi-user multiple-input multiple-output (MU-MIMO) on both the 2.4 GHz and 5 GHz frequency bands, allowing an AP to transmit data to and receive data from multiple STAs simultaneously and multiplying the utilization of radio spectrum resources.

802.11ax supports 1024-QAM, delivering 25% higher data transmission efficiency than 802.11ac (supporting 256-QAM). Orthogonal Frequency Division Multiple Access (OFDMA) technology enables the AP to transmit data to multiple STAs at the same time using different subcarriers, reducing latency and improving network efficiency. Spatial multiplexing technology uses basic service set (BSS) coloring mechanism to enable the AP and STAs to distinguish overlapping BSSs, minimizing co-channel interference. Target Wake Time (TWT) technology allows the AP and STAs to negotiate the sleep and wake time with each other, thereby improving the battery life of the STAs.

MU-MIMO

The AP supports MU-MIMO and supports a maximum of four spatial streams (two on the 2.4 GHz frequency band and two on the 5 GHz frequency band). The MU-MIMO technology enables an AP to send data to multiple STAs simultaneously, which doubles the radio spectrum resource usage, increases the number of access users and bandwidth, and improves user experience in high-density access scenarios.

High-speed access

The AP supports 80 MHz frequency bandwidth, which increases the number of available data subcarriers and expands transmission channels. In addition, the AP adopts 1024-QAM and MU-MIMO to achieve a rate of up to 0.575 Gbps on the 2.4 GHz band and 1.2 Gbps on the 5 GHz band, meaning up to 1.775 Gbps for the device.

Features:

As the latest Wi-Fi standard defined in IEEE 802.11, 802.11ax improves the user access capacity and bandwidth in high-density access scenarios, reduces service latency, and enhances user experience.

Multi-user multiple-input multiple-output (MU-MIMO) on both the 2.4 GHz and 5 GHz frequency bands, allowing an AP to transmit data to and receive data from multiple STAs simultaneously and multiplying the utilization of radio spectrum resources.

802.11ax supports 1024-QAM, delivering 25% higher data transmission efficiency than 802.11ac (supporting 256-QAM).

Orthogonal Frequency Division Multiple Access (OFDMA) technology enables the AP to transmit data to multiple STAs at the same time using different subcarriers, reducing latency and improving network efficiency.

Spatial multiplexing technology uses basic service set (BSS) coloring mechanism to enable the AP and STAs to distinguish overlapping BSSs, minimizing co-channel interference.

Target Wake Time (TWT) technology allows the AP and STAs to negotiate the sleep and wake time with each other, thereby improving the battery life of the STAs.

Specifications:

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Specifications	
Product Code	02355VFB
Dimensions (H x W x D)	69 mm x 200 mm x 200 mm
Weight	1.91 kg
Port	1 x 10M/100M/GE electrical port 1 x SFP optical port
Bluetooth	BLE 5.2
LED indicator	Indicate the power-on, startup, running, alarm, and fault states of the system.
Maximum power consumption	17.7 W
Storage temperature	-40 degreesC to +85 degreesC

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Product Specification Sheet

Operating humidity	0%-100%
IP rating IP68 Altitude	-60 m to +5000 m
Atmospheric pressure	53 kPa to 106 kPa
Antenna gain	2.4 GHz: 10 dBi , 5 GHz: 11 dBi

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/02355VFB-Huawei-Wireless-AP761-Wi-Fi-6-Outdoor-Access-Buy-p-312440.php>

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