

KyAir600E

Industrial Wireless WiFi5 AP



» Overview

KyAir600E series wireless AP support standard 802.11ac protocol. The whole machine supports 4 spatial streams and can provide an access rate of up to 1.167 Gbps. KyAir600E products fully consider important factors such as wireless network security, radio frequency control, and service quality assurance, and cooperate with KyAir3006 series controller products to complete wireless user data forwarding, security and access control, and smooth roaming.

KyAir600E support IP66 protection and wide temperature design, which is suitable for use in extreme indoor and outdoor environments, can effectively avoid outdoor severe weather and environmental effects, and can highly adapt to the harsh equipment requirements of cold weather in northern China and humid weather in southern China, greatly reducing the difficulty of installation and maintenance. At the same time, KyAir600E uses an external antenna, which can meet the outdoor wireless Wi-Fi network coverage under most environmental requirements. KyAir600E products can support remote Power over Ethernet mode, especially suitable for deployment in pipe galleries, factories, wireless cities, energy, water treatment and other scenarios.

Key Features

Support IEEE802.11 a/b/g/n/ac standard and 2*2 MIMO standard

Maximum transmission rate 867Mbps (5G) & 300Mbps (2.4 G)

Support bridge and routing mode, and realize flexible deployment of network architecture by adjusting the network mode of the device

Support wireless controller (AC) management, realize remote centralized configuration and upgrade management

Support IEEE802.3 at protocol (PoE+)

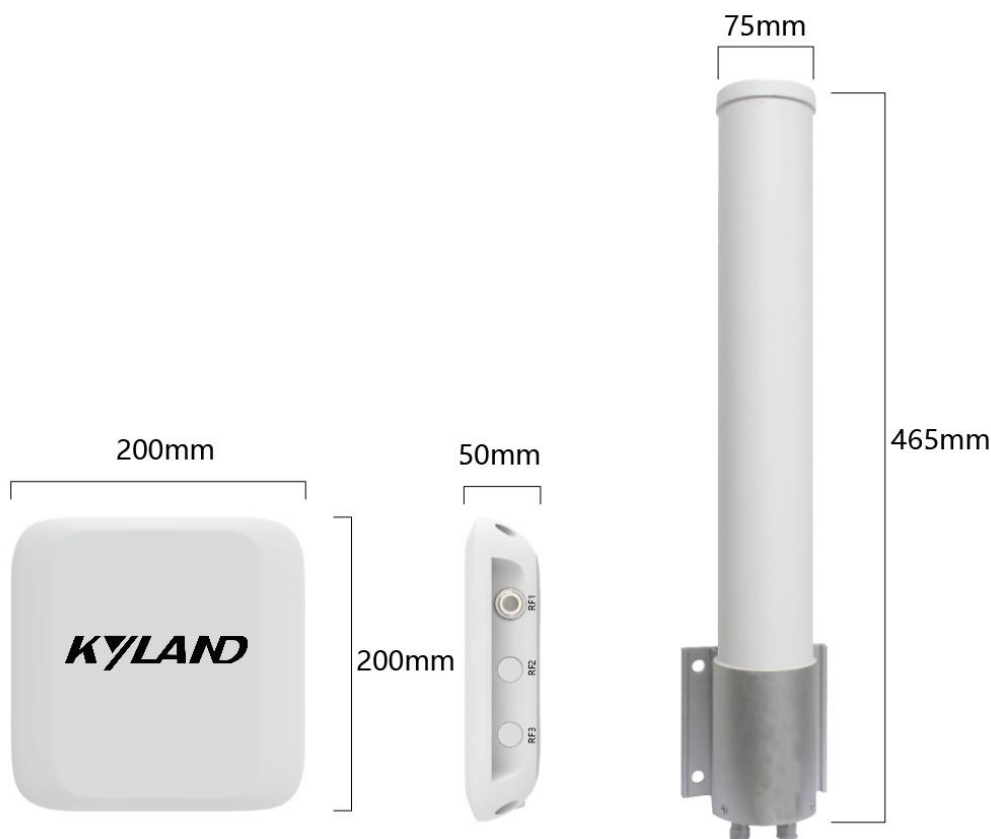
The protection level reaches IP66, adapting to a variety of environments

Product Specifications

Hardware Specifications	Host size	200mm x 200mm x 50mm
	Net weight	1.3 kg
	Mounting method	Holding rod, holding rod diameter ≤ 50 mm
	Protection	IP66
	Antenna Gains	2.4 G: 8dBi 5G: 10dBi
	Antenna beamwidth	2.4G Horizontal 360°, Vertical 22° 5G Horizontal 360°, Vertical 11°
	Antenna mounting mode	Embrace rod, 40 ≤ Embrace rod diameter ≤ 80 mm
	Antenna size	Φ75mm × 465mm
	antenna weight	Approximately 1.3 kg
	Power supply mode	48V POE + power supply
	Maximum Power Consumption (W)	15W
	Average Power Consumption (W)	12W
	Network interface	2 * 10/100/1000Mbps RJ45 (1 of which supports PoE)
	Radio frequency interface	2 * N Type connector
	Maximum transmitting power	2.4 G: 20dBm 5G: 24dBm

	Operating temperature	-40°C~70°C
	Storage temperature	-40°C~85°C
	Ambient Relative Humidity	5% ~ 95% non-condensing
	Surge immunity	POE/GE: common mode 4KV, differential mode 2KV
	Electrostatic discharge immunity	Contact discharge: 4KV, air discharge: 6KV
	Wind resistance velocity	150km/h
Software Specifications	Standard	IEEE 802.11 a/b/g/n/ac
	Frequency	2.4G: 2412 ~ 2472MHz (China) 2412 ~ 2462MHz (USA) 2412-2472MHz (most countries) 5G: 5180 ~ 5320MHz, 5745 ~ 5825MHz (China) 5180 ~ 5320MHz, 5500 ~ 5720MHz, 5745 ~ 5825MHz (USA) 5160 ~ 5340MHz, 5480 ~ 5720MHz, 5745 ~ 5865MHz (India) 5160 ~ 5340MHz, 5480 ~ 5720MHz, 5745 ~ 5825MHz (UAE) 5745 ~ 5805MHz (Indonesia) * The above frequencies need to be supported by a specific version
	Working mode	Access Point, Client, WDS Access Point, WDS Client
	Security protocols	WPA2-PSK, hidden SSID, IP/MAC filtering
	Network model	Bridge/Routing
	Configuration Management	Support web configuration, AC remote management, SNMP management
	Others	Timed restart, Support VLAN, QoS, Watchdog


Mechanical Drawing



Ordering Information

Product Model	Description
KyAir600E	Industrial Dual Radio 2.4G +5GHz Concurrent Wireless AP/Client/bridge, 802.11a/b/g/n/ac WLAN, data rates up to 1167Mbps, IP66 Enclosure, support 802.3at PoE power input

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