KyAir600F
Industrial Wireless WiFi5 AP

Overview

KyAir600F is a product developed for the application of wireless local area network technology in explosive dangerous environments. It realizes the complete coverage of wireless network signals in industrial dangerous environments, and provides wireless connection, Internet of Things control and reliable data collection for dangerous environments. KyAir600F has IP66 protection level and can work in the environment of -40 ℃ ~ 70 ℃, it is especially suitable for dangerous goods production, logistics, warehousing and other links in chemical, pharmaceutical, petrochemical and energy industries, as well as oil and gas exploitation platforms and other applications.

Key Features

Support 802.11 a/b/g/n/ac standard and 2x2 MIMO standard

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

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

Support 802.3at protocol (POE +)

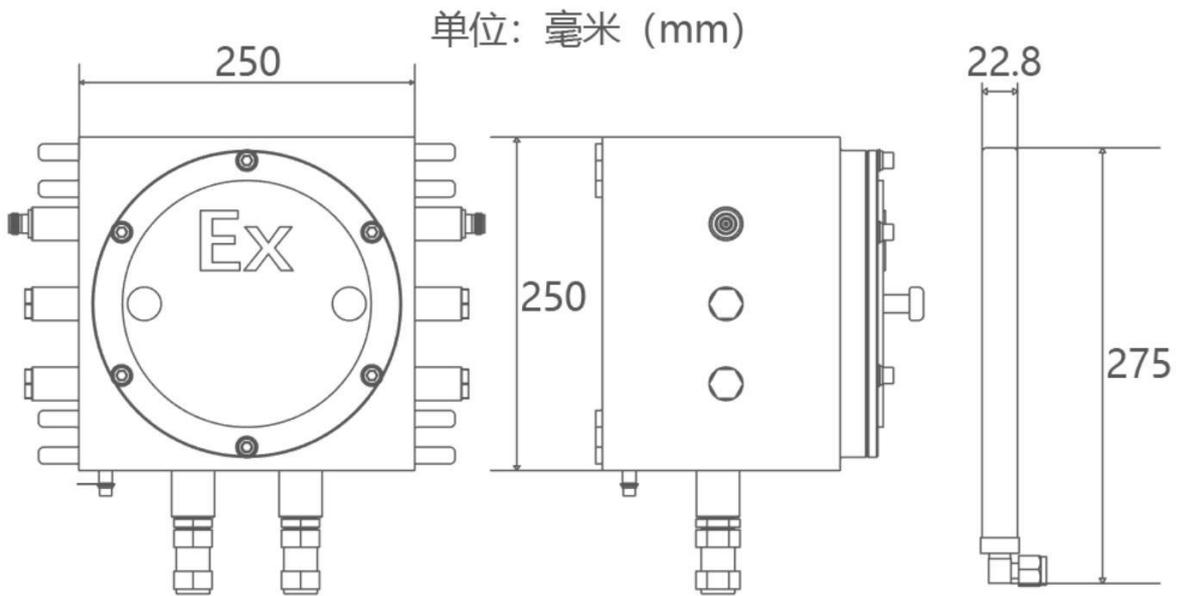Protection level IP66, operating temperature-40 °C ~ 70 °C, adapting to a variety of harsh environments

Load balancing, dynamically adjusting the number of terminals that can be associated with each access point device, and maximizing the use of network resources

Product Specifications

	Host size	320mm x 285mm x 244mm
	Weight	14.4 kg
	Mounting method	Wall mount
	Protection	IP66
	Antenna Gains	2.4G: 6dBi 5G: 5dBi
	Power supply mode	48V POE + power supply
Hardware Specifications	Maximum 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	2.4G: 15dBm 5G: 18dBm
	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
	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

单位：毫米（mm）

KYLAND

≫ Ordering Information

Product Model	Description
KyAir600F	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 supply, support KyAir3006 wireless controller

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