MINMILE
Smart Technology

- Used in chemical, oil refining, oil exploitation, offshore oil platforms, oil tankers, military and other hazardous areas.
- The gateway can be selected from HUAWEI, CISCO and MOTOROLA to meet the customer requirements.
- The various mounting types and cable entries are available as per customers requirements, such as hanging mounting and stand floor mounting.The cable entries can be suit for rubber cable, armored cable and network cable.



Product brief description

01

This product is developed for the application of wireless local area network technology in hazardous environment. It realizes the full coverage of wireless network signals in industrial hazardous environment. It is especially suitable for the management of production, logistics, warehousing and monitoring of dangerous goods and management of personnel and Internet of things in chemical, pharmaceutical, petrochemical and energy industries and suitable for applications in oil and gas extraction platforms. In conjunction with the use of a series of explosion-proof handheld terminals, it can provide customers with a complete, flexible and efficient overall solution of automatic identification technology Program.

02

According to requirements, different incoming cables can be used for power supply, such as rubber cable , armored cables, network cables (POE interface).

Model Identification

MAMX — □ — □□ □

- □: 13(IIB) / 14(IIC)
- □□: B1...B8 / C2...C3
- □: W：The enclosure with sealing ring, (CCC certified) -D：-43℃~+60°C -S：-40℃~+60°C

General Technical Parameters

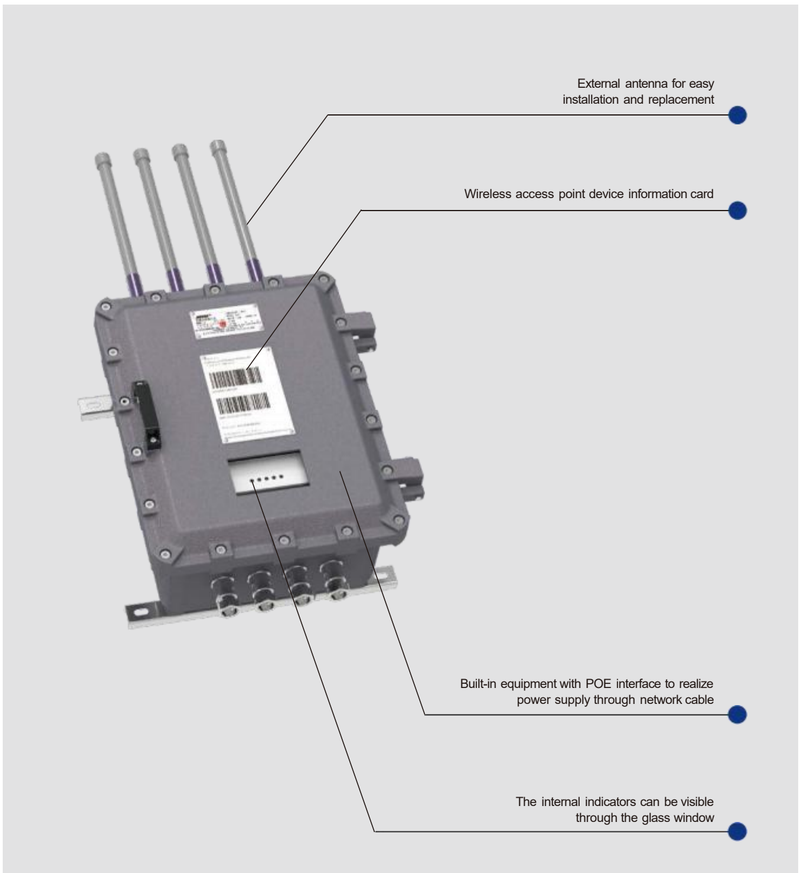
	GB/IECEx	ATEX
Explosion protection Gas explosion protection Dust explosion protection	Ex db ⅡB + H_2 T6…T4 Gb Ex db ⅡC T6…T4 Gb Ex tb ⅢC T80℃...T135℃ Db	Ⅱ2G Ex db ⅡB+H_2 T6…T4 Gb Ⅱ2G Ex db ⅡC T6…T4 Gb Ⅱ2D Ex tb ⅢC T80°C,T95°C,135°C,Db
Conformity to standards	GB：GB/T 3836.1-2021,GB/T 3836.2-2021,GB/T 3836.31-2021 IECEx：IEC 60079-0:2017,IEC 60079-1:2014-06,IEC 60079-31:2013 ATEX：EN IEC 60079-0:2018, EN IEC 60079-1:2014,EN IEC60079-31:2014	
Enclosure Material	Copper-free Aluminum Alloy ZL102	
Powder coated and color	Electrostatic powder coating , MAM standard color is equal to dark grey RAL7090, light grey RAL 7035 is optional	
Rated voltage & current	Rated voltage：MAX.AC220V 50/60Hz Rated current：MAX.6A	
Built-in components	Huawei, Cisco, Motorola and other brands of wireless access points, based on customer demand.	
Anti-corrosion level	IP66、WF2	
The material of Exposed fastener	SS304/SS316 stainless steel	
Cable entry	Armored cable, rubber cable , network cable	

Common access point brands and parameters

Brand	HUAWEI	CISCO	MOTOROLA
Model	AP7152DN	Aironet 2800E	AP-7632-680B40
Antenna	Dual frequency WLAN antenna 4pcs	Dual frequency WLAN antenna 4pcs	Dual frequency WLAN antenna 2pcs Bluetooth antenna 1pc
Emission frequency	Dual frequency 2.4GHz/5.0GHz 802.11a/b/g/n/ ac/ac wave2	Dual frequency 2.4GHz/5.0GHz 802.11a/b/g/n/ac/ac wave2	Dual frequency 2.4GHz/5.0GHz 802.11a/b/g/n/ac
Maximum transmission power	24dBm	23dBm	23dBm
Ambient temperature	-43℃ ~ +60℃	-43℃ ~ +60℃	-43℃ ~ +60℃
Dimensions and weight	220mm×220mm×52mm 1.7KG	218mm×218mm×50.8mm 1.6kg	176mm×127mm×31mm 0.6KG
Note	Support 5GE uplink		

Note: The above brands and specifications are normally used as the referred products. Other proper brands and specifications can be selected according to the customers requirements.

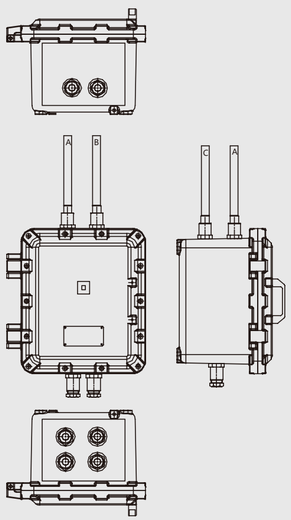
Common Product outline and installation dimensions



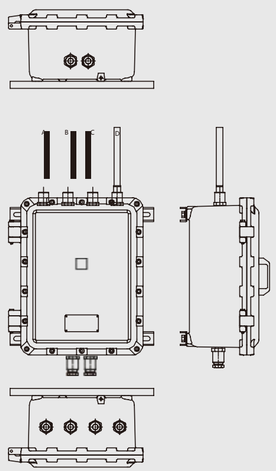
MINMILE
Smart Technology

Product outline and installation dimensions

Explosion-proof Access Point



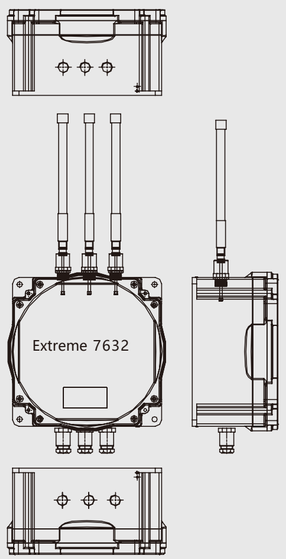
B4

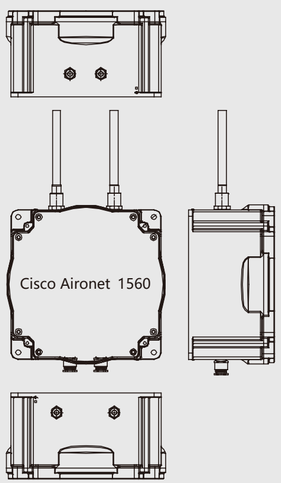


B5

Product outline and installation dimensions

Explosion-proof Access Point





C3