

## Long Range Outdoor 802.11a/b/g Integrated AP



### Introduction:

#### Overview :

**Part no.:** FB-Wi5610. Complied with IEEE802.11a/b/g. The shell is designed with IP67 industrial standard, rain-proof and dusty-proof. 13dbi directional antenna embedded. Support PoE power supply. Ease-of-installation  
FB-Wi5610 supports AP or client-side working mode.  
The latest WPA2 Encryption and User Authentication could protect your data safety farthest.

#### Features :

- 54M/108M high-speed link
- Compliance with IEEE 802.11a/b/g
- Transmitting power is up to 28dbm
- Support P2MP wireless link
- Support WPA2/WPA/802.1x Encryption and User Authentication
- 11g protection mode, for higher 11g efficiency under b/g mix mode.
- PoE power supply, compliance with 802.3af
- MAC address filtrate
- Web /SNMP management
- VPN transparent transmission
- LED displays the signal intension
- PPPoE(under router bridge)
- Complied with IP67 outdoor design standard. Wind-proof, rain-proof and water-proof.
- Wide working temperature range, strong adaptability to environment
- Embedded 13dbi flat antenna

#### Specifications :

##### Standard

IEEE802.11a/b/g, IEEE802.1x, IEEE802.3, IEEE803.3u, IEEE802.3af

##### Power supply

PoE power supply, compliance with 803.3af  
-24VDC/0.8A

##### Certificate

FCC Part 15/UL,ETSI 300/328/CE

##### Frequency phase

2.400~2.484GHz  
5.150~5.825GHz

##### Medium visit interface

CSMA/CA

## **Modulate technology**

OFDM

## **Working channel:**

United states : 11

Japan : 14

China : 13

Europe : 13

## **Receiving sensitivity (Typical value)**

IEEE802.11g

-92dBm@6Mbps, -75dBm@54Mbps

IEEE802.11b

-93dBm@1Mbps, -91dBm@11Mbps

IEEE802.11a

-88dBm@6Mbps, -70dBm@54Mbps

## **Transmit power (Typical value)**

IEEE802.11g

28dBm@6~24Mbps, 26dBm@36Mbps

25dBm@48Mbps, 24dBm@54Mbps

IEEE802.11b

28dBm@1~11Mbps

IEEE802.11a

28dBm@6~24Mbps, 26dBm@36Mbps

24dBm@48Mbps, 22dBm@54Mbps

## **Antenna specification:**

Embedded 9dbi flat antenna

## **Connector**

One 10/100Mbps RJ45port

RP-SMA

## **Network topology**

Infrastructure

## **Working mode**

P2MP

Bridge/AP/WDS

## **Safety**

IEEE802.1x certified, EAP-MD5/TLS/TTLS

WPA2/WPA

MAC address filtrate

Hide SSID

2 layers separate

## **IP Management**

DHCP server/client-side

## Device management

Web page configuration  
SNMP V1,V2c(MIBI,MIBII)

## Software upgrade

Upgrade by web page

## Size

260(L)mm\*84(W)mm\*55(H)mm

## Weight

300g

## Temperature range

Working temperature : -20°C~65°C

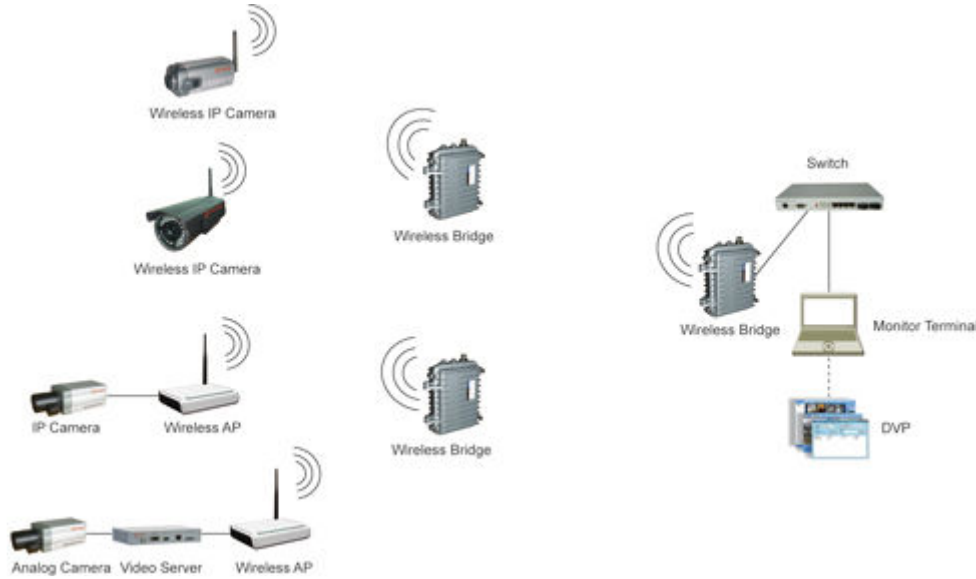
PoE power working temperature : -20°C~65°C

Storage temperature : -40°C~80°C

## Humidity

5%~95% no curd

## Application topology



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