

DS-3WFB-S-5ACG **5Ghz 867Mbps Base Station**



The wireless Base Station is designed for outdoor applications such as CCTV, city road, factory, etc. With 360° MIMO antenna, it's flexible and ideal for point-to-multipoint application.

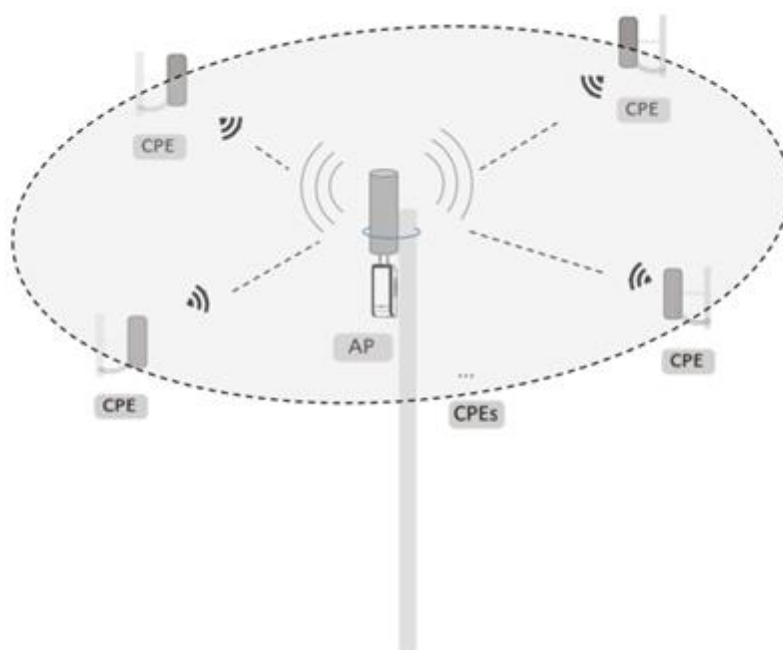
- Up to 5 km wireless transmission distance
- 867 Mbps 802.11ac wireless bridge
- TDMA supported
- Multiple antennas available

▪ Specification

General	
Product Dimensions (W × H × D)	220 mm × 110 mm × 44 mm (8.66" × 4.33" × 1.73")
Package Dimensions (W × H × D)	381 mm × 348 mm × 307 mm (15.00" × 13.70" × 12.09")
Net Weight	0.56 kg (1.23 lb)
Gross Weight	1.21 kg (2.67 lb)
Packing List	Wireless Bridge × 1, Power Supply Adaptor × 1, Power Cord × 1, Regulatory Compliance and Safety Information × 1, Quick Start Guide × 1, Host Protective Cover × 1, Hoop × 1
Packing Method	Single unit packing
Working Temperature	-40 °C to 65 °C (-40 °F to 149 °F)
Working Humidity	5% to 95% (no condensation)
Storage Temperature	-40 °C to 80 °C (-40 °F to 176 °F)
Storage Humidity	5% to 95% (no condensation)
Installation Mode	Pole Mounting
Ingress Protection	IP55
Power Consumption	9 W for typical (1-ch 2MP IPC), Max. 12 W
Wireless Parameter	
Wireless Standard	IEEE 802.11/a/n/ac
Max. Transmission Rate of Air Interface	≤ 867 Mbps
Working Frequency Band	5150 MHz ~ 5250 MHz, 5250 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz, 5725 MHz ~ 5825 MHz, (Note: Available channel may vary with local regulations.)
Transmitting Power	30 dBm @11ac MCS0 (Note: Transmitting power may vary with local regulations.)
Receiving Sensitivity	-85±2dBm@AC80-MCS0, -60±2 dBm@AC80-MCS9
Throughput Rate	PTMP(1 to 32): 120° Directional Antenna(DS-3WF5000A-120) : 150 Mbps/5 KM(AC80), 200 Mbps/3 KM(AC80), 250 Mbps/1 KM(AC80), Omnidirectional Antenna(DS-3WF2000A-360) : 90 Mbps/1 KM(AC80), 110 Mbps/3 KM(AC80), 130 Mbps/1 KM(AC80) PTMP(1 to 8): 120° Directional Antenna(DS-3WF5000A-120) : 250 Mbps/5 KM(AC80), 300 Mbps/3 KM(AC80), 350 Mbps/1 KM(AC80), Omnidirectional Antenna(DS-3WF2000A-360) : 130 Mbps/1 KM(AC80), 150 Mbps/3 KM(AC80), 200 Mbps/1 KM(AC80) PTMP(1 to 16): 120° Directional Antenna(DS-3WF5000A-120) : 200 Mbps/5 KM(AC80), 250 Mbps/3 KM(AC80), 300 Mbps/1 KM(AC80) Omnidirectional Antenna(DS-3WF2000A-360) : 110 Mbps/1 KM(AC80), 130 Mbps/3 KM(AC80), 150 Mbps/1 KM(AC80)
Hardware Parameter	
Network Interface	1 × 1000 Mbps RJ45 ports
LED Indicator	Power indicator, LAN indicator, Signal intensity indicator, System indicator
Reset	Hardware resetting button
Power Supply	48V 0.5A PoE

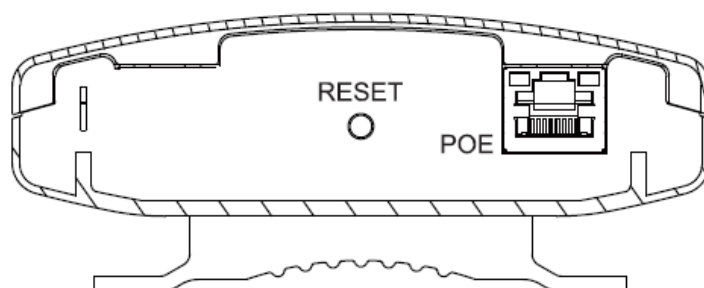
Software Function	
Application Function	TDMA,DFS
Channel Width	20/40/80 MHz
Channel Selection	Auto/manual selection
Security Mode	WPA2-PSK
Security Mechanism	Wireless network name hidden
Network Protocol	NTP (network time synchronization),SADP (auto search for IP address), HTTPS/HTTP (web management),SSH (debugging)
Management Method	Web
System Log	Syslog
Upgrade	Web
Approval	
EMC	CE-EMC (EN 55032:2015+A11: 2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1: 2019, EN 50130-4:2011+A1: 2014, EN 55035:2017+A11: 2020)
Safety	UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1:2014 (Second Edition)), CE-LVD (EN 62368-1:2014+A11: 2017)
Chemistry	CE-RoHS (2011/65/EU),WEEE (2012/19/EU),Reach (Regulation (EC) No.1907/2006)
Radio	EN 301 893,EN 300 440,EN 62311,EN 301 489-3,EN 301 489-17

▪ Typical Application

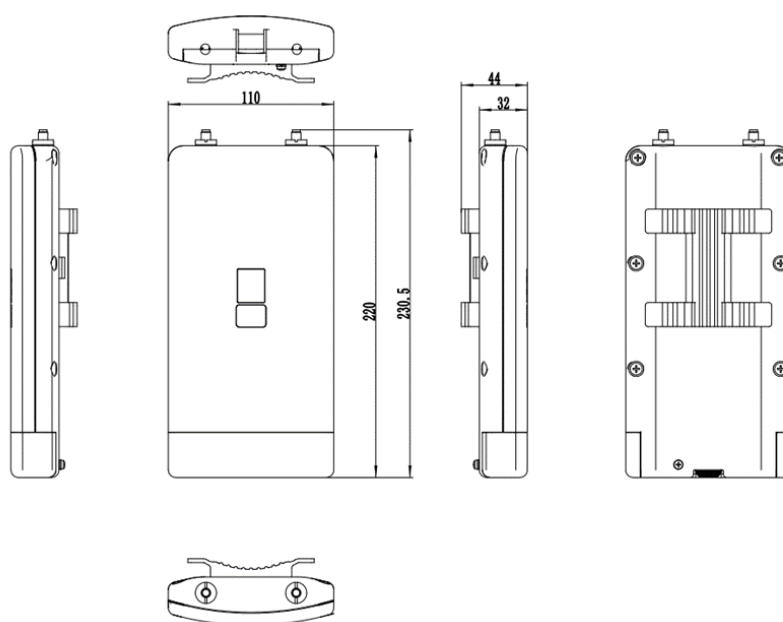


▪ Physical Interface

Interface/Button	Description
POE	Connect to the "POE" port on the POE power supply via a network cable to provide power and data transmission for the device.
Reset	Press and hold the reset button for more than 10 seconds to fully restore the factory default settings.



▪ Dimension



▪ Accessory

▪ Optional

DS-3WF2000A-360	DS-3WF5000A-120

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