AC High Power Wireless Access Point

H0315W

DESCRIPTION:

Heinrich H0315W is a coverage application solution specially designed for large-scale wifi conference system, which supports 802.11ac standard dual-band outdoor AP. The integrated antenna design flexibly meets the WiFi deployment requirements in outdoor environments. It is an industrial-grade product that meets the requirements of high and low temperature, IP66 protection and lightning protection. H0315W supports installation on horizontal and vertical poles, and the antenna coverage angle can be adjusted 180° horizontally and 90° vertically.

Excellent Wireless Performance
H0315W high-power AP adopts 802.11n and 802.11ac MIMO 2×2 technology to provide Gigabit WiFi access at a maximum of about 1.2Gbps, meeting the needs of outdoor large-capacity and high-throughput applications. In addition, a number of wireless algorithms such as multi-user dispatching mechanism, wireless power control mechanism, and wireless anti-jamming mechanism have been optimized to greatly improve product performance. H0315W uses built-in high-gain MIMO dual-band antenna with outstanding coverage, providing effective WiFi coverage within a radius of 50 meters for WiFi conference system used in typical large conference rooms.

Integrated Design
H0315W adopts the latest integrated design, which combines the equipment with the outdoor dual-band antenna, eliminating the need for feeders and antenna-feeder lightning arresters required to combine traditional base station equipment with antennas, which greatly reduces the construction workload, construction cost, connection loss, and improves the reliability of the system.

Dual Joint Mounting Pendant
H0315W is equipped with dedicated pole mount pendant with horizontal and vertical dual-joint design. The device can be adjusted at any angle within the range of 180 degrees horizontally and 90 degrees vertically, which greatly simplifies the work of device angle adjustment and facilitates wireless coverage planning and optimization.

Designed For Outdoor Use
H0315W is designed according to IP66 protection level, supports the working environment in the temperature range of -40 °C ~70 °C, and has built-in high-level lightning protection design, which ensure long-term stable operation in harsh outdoor environments.

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FEATURE:

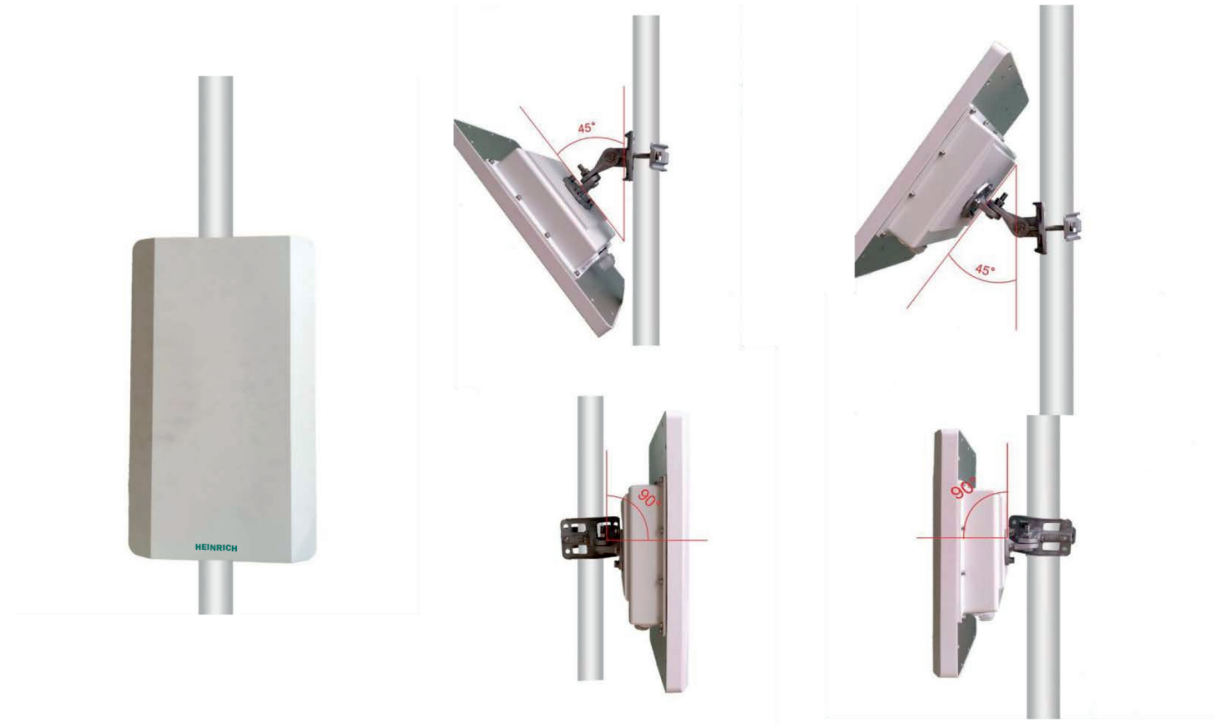
Enterprise application
- Multiple SSIDs (support 32 SSIDs)
- Automatic channel adjustment
- 5G access priority
- Dynamic receive sensitivity
- Automatic power adjustment
- Flow control/QoS
- Broadcast service optimization

Safety Net
- Wi-Fi Secure Access (WPA/WPA2)
- MAC address black and white list
- User terminal isolation
- WIDS functions such as illegal AP detection

Management and Maintenance
- Working mode: fat AP mode/fit AP mode
- Local management: WEB/Telnet
- Remote management: SNMP

Power Supply/Installation
- Pole-mounted (firmly installed)
- PoE power supply (802.3at)

EQUIPMENT INSTALLATION DIAGRAM:



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SPECIFICATIONS:

Model	H0315W
Basic Parameters	
Device Interface	1×10/100/1000M adaptive Ethernet interface, Rj45
System Configuration	CPU main frequency 775MHz, RAM 128MB, FLASH 16MB
Wireless Module	802.11b/g/n MIMO 2*2 300Mbps, Å802.11ac MIMO 2*2 866Mbps,
Working Frequency	2.412~2.472GHz, 5.150GHz-5.850GHz
Wireless Transmit Power	27 dBm
MTBF	>100,000 hours
Function Parameters	
Management	Local WEB management, SNMP remote management
QoS	Support 802.11e, Support TOS mapping, Support flow control based on MAC, AP, SSID, VLAN and Radius tags
Wireless Security	Open system, Support WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WEP 64/128-bit Encryption, EAP-SIM/EAP-AKA/EAP-MD5/EAP-TLS/EAP-TTLS/PEAP, Support DDOS prevention, Support ACL, Support wireless IPS/IDS, Phishing AP detection, User business isolation, Support static/dynamic black and white list
WLAN Features	Automatic channel selection, Automatic power control, Support 32 SSIDs, SSID hidden, User limit, Automatic ageing of users without traffic, Turn off SSID function regularly, 5G priority access function, 11n user priority access function, Low-quality user filtering
Performance Parameters	
Business Capacity	Typical user capacity, ≥100 wireless users access (meet basic network usage requirements), ≥60 wireless users connected simultaneously (2Mbps per user)
Hardware parameters	
Size	370×218×90mm
Weight	1.9Kg
Antenna	Built-in dual-band MIMO antenna, Antenna Gain: 2.4G (10dBi) / 5G(13dBi), Angle: Horizontal 90°, Vertical 15°, Polarization: 2.4GV+H/5G±45°

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