943 NETWORK COMPONENTS

INDOOR ACCESS POINT (AP)

Code : **9430107**

Model : **WFI-200**

CÓDIGO-CODE-CODE		9430107
MODELO-MODEL-MODELE		WFI-200
Wireless		
Standard		IEEE802.11 ac/n/g/b/a
MIMO		MU-MIMO
Wireless speed	2.4 GHz	300Mbps
	5 GHz	866Mbps
Frequency band	2.4 GHz	• USA (FCC): 2.412 to 2.462 GHz • Europe (ETSI): 2.412 to 2.472 GHz
	5 GHz	• USA (FCC): 5.15 to 5.25 GHz; 5.725 to 5.850 GHz • European (ETSI): 5.15 to 5.35 GHz; 5.470 to 5.725 GHz
Bandwidth		20-, 40- and 80-MHz
Conducted typical transmit output power*1 (limited by local regulatory requirements)	US (2.4GHz/5GHz)	23/23dBm
	EU (2.4GHz/5GHz)	19/23dBm
RF Design		
Antenna type		2x2 MIMO Embedded Antenna
Antenna gain	2.4 GHz	3 dBi
	5 GHz	4 dBi
Minimum receive sensitivity		up to -99 dBm
WLAN feature		
Band Steering		Yes
WDS/ Mesh*2		Yes
Fast roaming		Pre-authentication, PMK caching and 802.11r/k/v
DCS		Yes
Load balancing		Yes
Security		
encryption		WEP/ WPA/WPA2-PSK/WPA3
authentication		WPA/WPA2-Enterprise/ EAP/ IEEE 802.1X/ RADIUS authentication
Access management		L2-isolation/ MAC filtering
Networking		
IPv6		Yes
VLANs		Yes
WMM		Yes
U-APSD		Yes
DiffServ marking		Yes

*1: Conducted typical transmit output power excludes antenna gain. For total (EIRP) transmit power, add antenna gain.
*2: WDS, ZyMesh, Smart Mesh and Industry's Open Mesh, Easy Mesh are different mesh systems that do not work with one another.

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Management		
Operating mode		Cloud managed / standalone
ZON Utility		• Discovery of Zyxel switches, APs and gateways • Centralized and batch configurations - IP configuration - Web GUI access - IP renew - Firmware upgrade - Device reboot - Password configuration - Device locating
Zyxel Wireless Optimizer		• WiFi AP planning • WiFi coverage detection • Wireless health management
Web UI/ CLI		Yes
SNMP		Yes
Physical Specifications		
Item	Dimensions (WxDxH) (mm/in.)	140 x 140 x 37.5 /5.51 x 5.51 x 1.48
	Weight (kg/lb.)	249/0.55
Packing	Dimensions (WxDxH) (mm/in.)	240 x 155 x 60 / 9.45 x 6.10 x 2.36
	Weight (kg/lb.)	560 / 1.23
Included accessories		• Power adapter • Ceiling-mount plate
MTBF(hr)		630794
Physical Interfaces		
Ethernet port		1x 10/100/1000M LAN
Power		• Input: AC 100 - 240V - 50/60 Hz 0.3A; Output: DC +12V 1A • PoE (802.3af): power draw 11 W
Environmental Specifications		
Operating	Temperature	0°C to 50°C/32°F to 122°F
	Humidity	10% to 90% (non-condensing)
Storage	Temperature	-40°C to 70°C/-40°F to 158°F
	Humidity	10% to 90% (non-condensing)
Certifications		
Radio		FCC Part 15C, FCC Part 15E; ETSI EN 300 328, EN 301 893; LP0002, EN 60601-1-2
EMC		FCC Part 15B, EN 301 489-1; EN 301 489-17, EN55022, EN55024, EN61000-3-2/-3, BSMI CNS13438
Safety		EN 60950-1, IEC 60950-1; BSMI CNS14336-1