943 ELEMENTOS DE RED

PUNTO ACCESO (AP) INDOOR

Código : **9430107**

Modelo : **WFI-200**

Descripción
Punto de Acceso de Largo Alcance, 24v Passive Poe, 802.3af (mode A)
El WFI-200 de ALCAD cuenta con la última tecnología 802.11ac Wi-Fi con un diseño industrial refinado ideal para despliegues de largo alcance de redes inalámbricas de alto rendimiento.
El innovador diseño de la antena proporciona largo alcance, área de cobertura con enlace simetrico, ganancia mejorada, alta potencia de transmisión para conectar clientes a larga distancia.
El software es ideal para implementaciones de alta densidad de clientes que requieren baja latencia y alto rendimiento. Permite una escalabilidad ilimitada bajo un controlador único con acceso remoto.

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