

Specifications

WAP 100AC

Communication – Wireless

Standards	IEEE 802.11b/g/n on 2.4 GHz IEEE 802.11a/n/ac on 5 GHz, AC wave 1
Security	64/128/152-bit WEP WPA PSK WPA2 PSK WPA Enterprise WPA2 Enterprise
Antenna	Four internal omni-directional antennae 5 dBi on 2.4 GHz and 5.0 GHz
Operating frequency	Dual-Radio Concurrent 2.4 GHz and 5.0 GHz
Frequency radio	
2.4 GHz.....	2400MHz ~ 2835MHz
5.0 GHz.....	5180 MHz ~ 5240 MHz, 5260 MHz ~ 5320 MHz, 5500 MHz ~ 5700 MHz, 5745 MHz ~ 5825 MHz
Transmit power	Up to 26 dBi on 2.4 and 5 GHz Max transmit power is limited by regulatory power
Radio chains:Spatial streams	2x2:2
Supported data rates	
2.4 GHz.....	Max 300 Mbps
5.0 GHz.....	Max 867 Mbps
Management	
Multiple SSID.....	Supports up to 8 SSIDs per radio
QoS.....	Compliant with IEEE 802.11e Standard WMM
SNMP	v1, v2c, v3
MIB	MIB I/II, Private MIB
VLAN.....	VLAN tag/VLAN pass-through
Program control.....	Web Interface (HTTP)

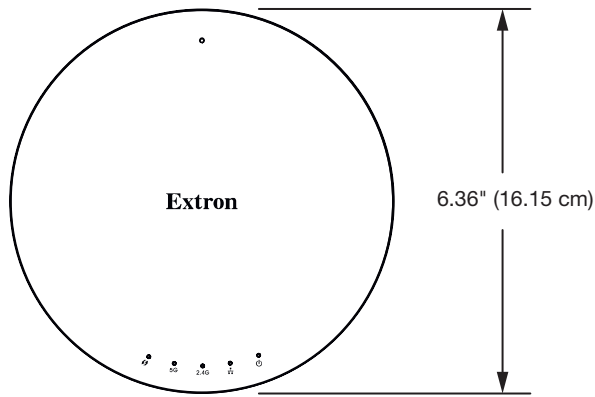
Communication – Ethernet Interface

Ethernet port.....	1 female RJ-45 connector
Ethernet data rate	10/100/1000Base-T, half/full duplex with autodetect
Ethernet default settings	IP address = 192.168.1.1 Subnet mask = 255.255.255.0 Gateway = 192.168.1.1 DHCP = Off DNS = 0.0.0.0

General

Physical Interface	Reset button Kensington lock LED indicators: Power LAN 2.4 GHz 5.0 GHz WPS
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Memory capacity	
Memory	128 MB
Flash memory	16 MB
Power supply	Not provided
Power input requirements	Power over Ethernet (IEEE 802.3at compliant) or 12 VDC, 2.0 A max.
Power consumption	15.77 watts
Temperature/humidity	Storage: -4 to +140 °F (-20 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +104 °F (0 to +40 °C) / 10% to 90%, noncondensing
Cooling	Convection, vents on rear and sides
Thermal dissipation	53.82 BTU/hr
Mounting	
Wall mount	Yes with ceiling and wall mount screw kit
Ceiling mount	Yes with ceiling and wall mount screw kit or T-rail mounting kit
Enclosure type	Plastic



Enclosure dimensions	1.64" H x 6.36" W x 6.36" D (4.17 cm H* x 16.15 cm W x 16.15 cm D)
Product weight	0.62 lb (0.28 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE, FCC Class B, ICES
Environmental	Complies with the appropriate requirements of RoHS and WEEE.
Warranty	3 years parts and labor

NOTES:

- All nominal levels are at $\pm 10\%$.
- Specifications are subject to change without notice.
- Shipping dimensions and weights are available at www.extron.com.

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