

# AP-7502

## Dual Radio Wallplate AP



Connectivity Technology	wireless
Data Link Protocol	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Features	1T2R MIMO technology, 2T2R MIMO technology, NAT support, PPPoE passthrough, Quality of Service (QoS), Wi-Fi Multimedia (WMM) support, firewall protection, wall mountable, BOOTP support, DHCP client, DHCP server, DiffServ Code Point (DSCP) support, Direct Sequence Spread Spectrum (DSSS), IPSec passthrough, LLDP support, Multiple SSID support
Compliant Standards	Bluetooth Smart Technology, IEEE 802.11d, IEEE 802.11i, IEEE 802.1Q, IEEE 802.3af, IEEE 802.3at, Wi-Fi CERTIFIED
Wireless Protocol	802.11a/b/g/n/ac
Remote Management Protocol	HTTPS, SNMP 3, SSH
Data Transfer Rate	867 Mbps
Wi-Fi Bands	2.4 GHz, 5 GHz
Spread Spectrum Method	DSSS, OFDM
Encryption Algorithm	WPA2

### ANTENNA /

Antenna Qty	5
Directivity	omni-directional
Antenna Form Factor	internal

### MISCELLANEOUS /

Encryption Algorithm	WPA2
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### INTERFACE PROVIDED /

Qty	1, 3
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### ENVIRONMENTAL PARAMETERS /

Min Operating Temperature	32 °F
Max Operating Temperature	104 °F



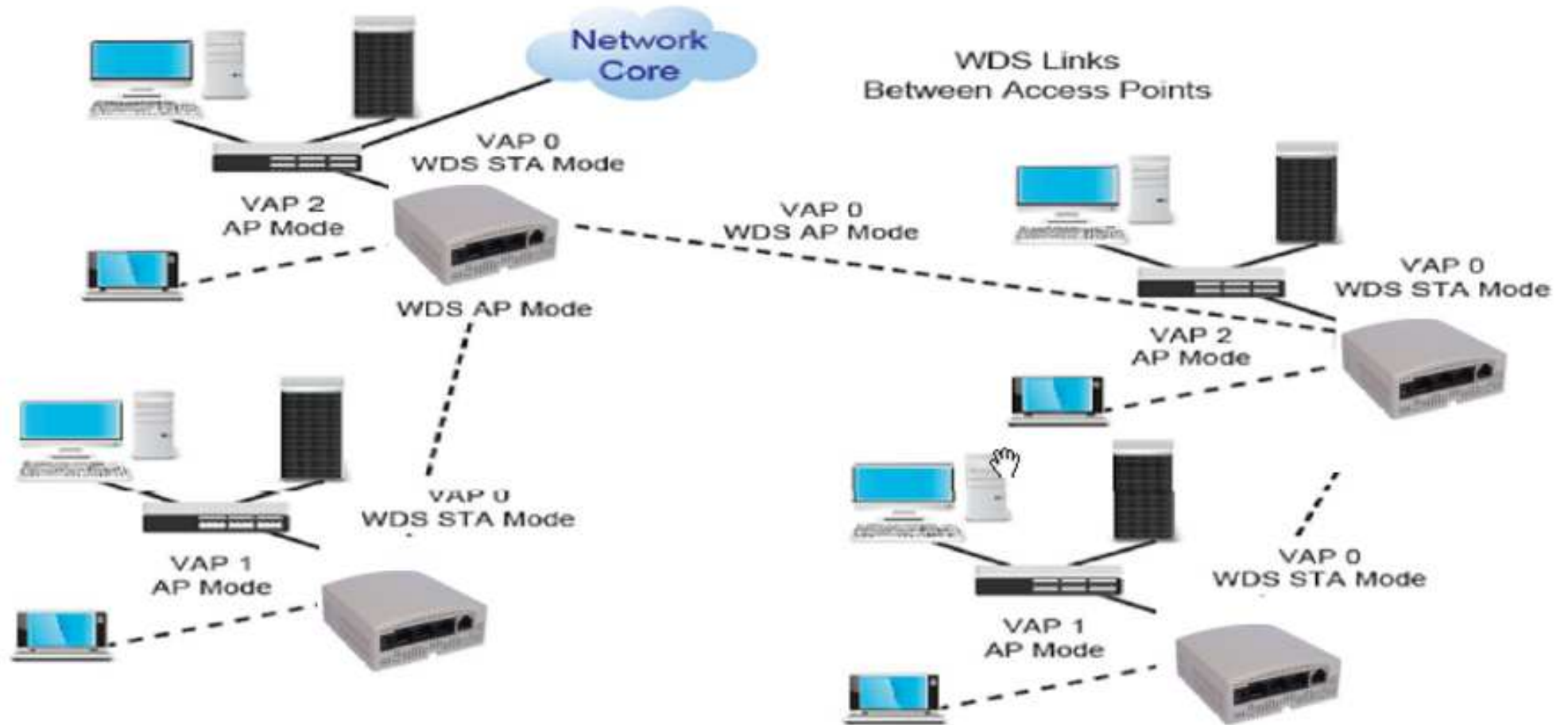
## Product Overview

### Enterprise-class Wall Plate 802.11ac Access Point

Whether you are responsible for a hotel, an assisted living facility, dormitory housing, or an apartment complex, you are challenged with providing high-speed Internet access in a challenging environment with many rooms — rooms with RF-blocking walls, floors, and doors. You need a cost-effective way to provide the dependable desktop-style wireless speeds your users expect in-room on however many consumer mobile devices they may own — including 2.4 GHz and the newer 5 GHz smartphones and tablets. To further complicate the challenge, today's users are watching videos, making video calls, and posting on multimedia-heavy social networking websites on their mobile devices — all bandwidth-heavy applications that require a latency- and jitter-free connection.

Introducing the easiest way to solve these big business problems: the ExtremeWireless WiNG AP 7502, a pocket-sized 802.11ac access point. The AP 7502 is purpose-built for public-facing micro-cell environments such as hotel and patient rooms, classrooms, and apartments. The dual 802.11n and 802.11ac radios, five internal antennas, plus a host of Extreme-only features provide a dependable high-performance wireless connection for every user and every mobile device in the room. Its revolutionary small size makes it easy to install anywhere, while the understated design allows it to easily hide in plain sight. Deployment couldn't be easier or faster — the AP 7502 can be installed in just a few minutes, with zero-touch automatic configuration. And locationing support, including Bluetooth® SMART, opens the door to a world of applications that can help provide users with a world-class experience that will put your organization a step above the competition.

# Application Diagram



## Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## Professional installation instruction

### 1. Installation personal

This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

### 2. Installation location

The product shall be installed at a location where the radiating antenna can be kept 20cm from nearby person in normal operation condition to meet regulatory RF exposure requirement.

### 3. External antenna

Use only the antennas which have been approved by the applicant. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of FCC limit and is prohibited.

### 4. Installation procedure

Please refer to user's manual for the detail.

### 5. Warning

Please carefully select the installation position and make sure that the final output power does not exceed the limit set force in relevant rules. The violation of the rule could lead to serious federal penalty.