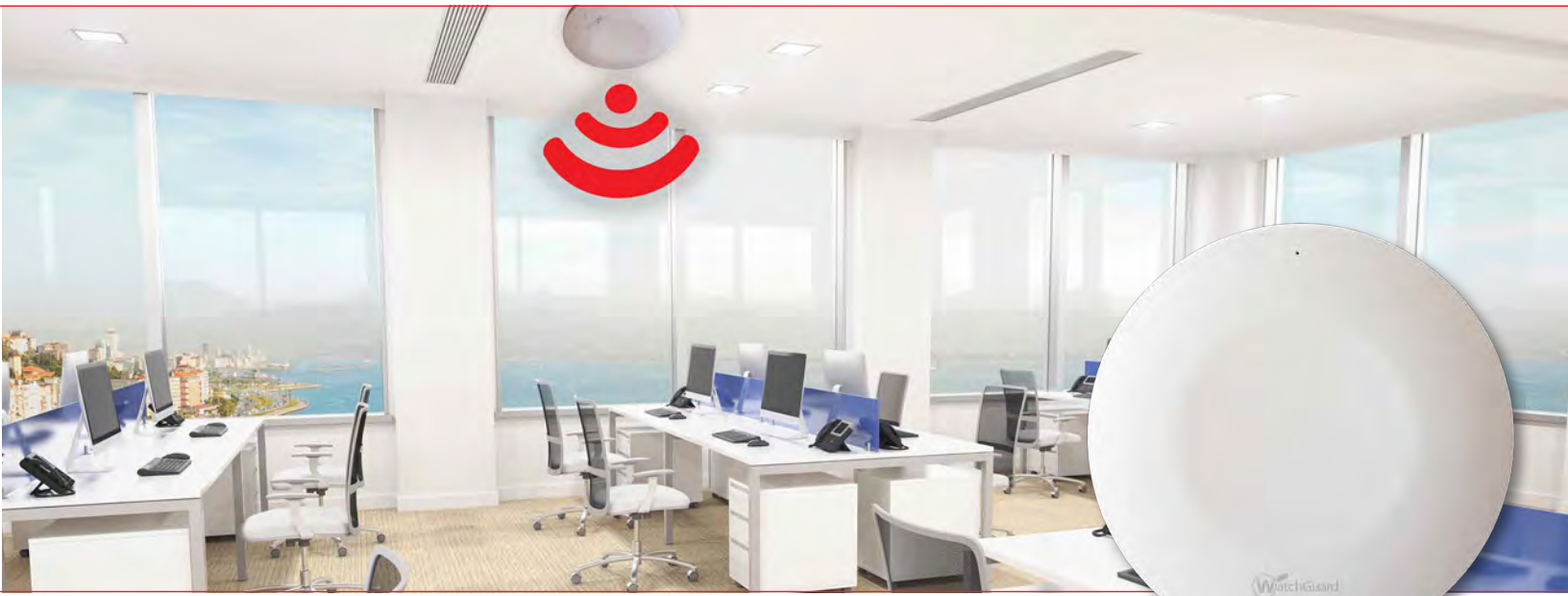# WatchGuard® Wireless Access Points
AP100, AP102, AP200, AP300

Ease of management
With unified management tools, administrators can easily manage both their AP devices and firewall appliances from a single console.

Strong security
Features like MAC filtering, client reporting, Captive Portal technology, 802.1X authentication, and PCI compliant scan and reporting ensure a strong WLAN security stance.

Great coverage, low profile
Powerful radios and custom internal antennas provide broad, reliable WLAN coverage. Sleek enclosure designs create subtle deployment profiles suitable for any space – both indoors and outdoors.

Best-in-class hardware
WatchGuard's fastest access points are built using the latest 802.11ac technology, capable of gigabit speeds. Other models feature 802.11n technology for operation in 2.4GHz and 5GHz frequency bands.

Lower TCO
Integrated wireless controller technology helps realize big cost savings, with no separate controller hardware costs, no per-AP "seat" charges, and no controller software license fees.

Extend best-in-class UTM security to the WLAN

Protecting against today's sophisticated blended threats requires multiple security capabilities, and these threats don't discriminate between a wired or wireless network path to their targets. WatchGuard's wireless access points meet this challenge by extending best-in-class UTM security – including application control, intrusion prevention, URL and web content filtering, virus and spam blocking and more – from your WatchGuard firewall to the WLAN. With these appliances, businesses can harness the power of mobile devices and wireless networking – both indoors and outdoors – without putting network assets at risk.

Integrate wired and wireless security policies

WatchGuard's integrated wireless controller technology combined with WatchGuard's AP100, AP102, AP200, and AP300 wireless access points allows users to easily apply security policies to wired and WLAN resources simultaneously , which is critical to enforcing security standards across the entire network infrastructure. And updating integrated policies couldn't be simpler – creating huge IT time and cost savings.
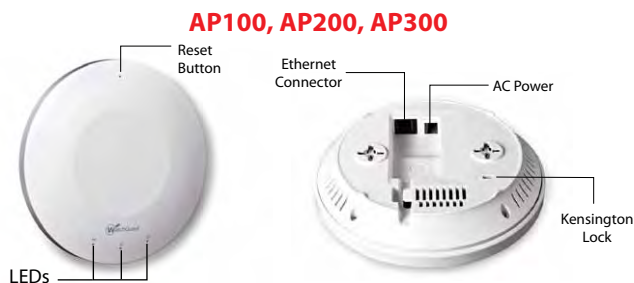
Unified device management

Unified device management tools offer a "single pane of glass" view into network security activities and allow users to configure and manage their WatchGuard wireless access points and WatchGuard firewall from one place – reducing both setup time and maintenance costs.

Technical Specifications for Wireless Access Points

	AP100	AP102	AP200	AP300
Hardware Details				
Deployment	Indoor	Indoor/Outdoor (IP66 rated)	Indoor (Plenum)	Indoor (Plenum)
Number of Radios	1	1	2	2
Frequency of Radio 1	2.4 GHz or 5 GHz (selectable)	2.4 GHz or 5 GHz (selectable)	5 GHz	5 GHz
Frequency of Radio 2	-	-	2.4 GHz	2.4 GHz
Frequency Bands (GHz)*	2.400-2.474GHz, 5.150-5.250GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz			
Number of Antennas	2 internal, omnidirectional	2 internal, horizontal (120˚)	4 internal, omnidirectional	6 internal omnidirectional
Peak Antenna Gain	3 dBi	6 dBi	4 dBi	4.5 dBi (2.4GHz) 5 dBi (5GHz)
Tx/Rx Streams	2x2 MIMO with 2 spatial streams			3x3
Maximum TX Power*	20 dBm	20 dBm	21 dBm	20 dBm
Maximum Data Rate	300 Mbps	300 Mbps	600 Mbps	1.75 Gbps
SSID	8	8	16	16
Security Settings	WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK (Mixed), WPA-802.1X (Enterprise) WPA2-802.1X (Enterprise) WPA-802.1X/WPA2-802.1X (Mixed), TKIP, AES, TKIP/AES, Captive Portal, MAC whitelist/blacklist, VLAN Tagging			
Ethernet	1 x 1 Gbe			
Power over Ethernet (PoE)	802.3af/at			
A/C Adapter	Included	Optional	Included	Optional
PoE Injector	Optional	Optional	Optional	Optional
Physical Security	Kensington Lock	-	Kensington Lock	Kensington Lock
IEEE Standards Supported	802.11a/b/g/n, 802.11i, 802.1q, 802.1X, 802.3af/at, 802.11e			802.11a/b/g/n, 802.11i, 802.1q, 802.1X, 802.3af/at, 802.11ac, 802.11e, 802.11k, 802.11r
Support and Maintenance	1-year or 3-year subscription to Standard Support for hardware warranty with advance hardware replacement, technical support, and software updates - included with purchase			
Performance Features	802.11e WMM	802.11e WMM	802.11e WMM	802.11e WMM Band Steering Fast roaming (802.11r/k)

* Country Specific Restrictions Apply

	AP100/AP200	AP300	AP102
Environmental Information			
Operating Temperature	32 to 104 ˚F (0 to 40 ˚C)	32 to 104 ˚F (0 to 40 ˚C)	-4 to 131 ˚F (-20 to 55 ˚C)
Operating Relative Humidity	5%-90% Non-condensing	5%-90% Non-condensing	5%-90% Non-condensing
Storage Temperature	-40 to 158 ˚F (-40 to 70 ˚C)	-4°F to 140°F (-20°C to 60°C)	-40 to 158 ˚F (-40 to 70 ˚C)
Non-Operating Relative Humidity	5%-90% Non-condensing	5%-90% Non-condensing	5%-90% Non-condensing
AC Power Adapter			
Input Voltage	100 - 240V	Optional	Optional
Input Current Maximum	400mA	Optional	Optional
Output Voltage	12V	Optional	Optional
Optional PoE Injection available for purchase under SKU number WG8568			
Dimensions			
Product Dimensions	6.5"RD x 1.75H (16.5 x 4.4 cm)	6.29"RD, 1.49 H (16 x 3.8 cm)	6.3" x 6.3" x 1.75" (16.2 x 16.2 x 4.5 cm)
Shipping Dimensions	7" x 7.25" x 4.5" (17.8 x 18.4 x 11.4 cm)	7" x 7.25" x 3.5" (17.8 x 18.4 x 8.25 cm)	7.8" x 7.4" x 2" (19.8 x 18.8 x 5.2 cm)
Product Weight	.75 lbs (.34 kg)		.66 lbs (.30 kg)
Shipping Weight (with A/C adapter, mounting kit, etc. for AP100/200/102)	2 lbs (.91 kg)	1.34 lbs (.61 kg)	1.4 lbs (.65 kg)
Mounting Options (included)	Wall/Ceiling		Wall/Pole
Certifications			
Wireless	FCC, IC, CE, MIC		FCC, IC, CE, MIC
Safety	NRTL/C, CB, CE		NTRL/C, CB, CE
Weather Proof	None		IP66
Control of Hazardous Substances	WEEE, RoHS		

For more info on WatchGuard wireless access point devices, contact your WatchGuard reseller, or visit us at www.watchguard.com/AP. To learn about other secure wireless options, visit www.watchguard.com/wireless.

AP100, AP200, AP300

- Reset Button
- Ethernet Connector
- AC Power
- Kensington Lock
- LEDs

AP102

- LEDs
- Network and power connectors under protective plate