

Wireless LAN 9100 Series

The WLAN 9100 Series uses next-generation wireless to provide predictable performance. The Series offers common advanced feature set including integrated controller, application control, zero-touch provisioning and On-Premise or Cloud Management. The WLAN 9100 Series offers flexible deployment options for spectrum optimization, ease of deployment using its Cloud offering an Avaya Fabric while providing device fingerprinting, roaming assist, Bonjour support and secure network access.



9100 Series Family

BADGER		
PART NUMBER:	Name	Description
WLAN 9100 Indoor/Outdoor Access Points		
WAP911200-E6	WAP 9112 802.11ac Indoor Wall Jack AP	WLAN 9112 INDOOR WALL JACK ACCESS POINT, 2-RADIO, 802.11ac, 2X2 OMNI ANTENNA, INTEGRATED WIRELESS CONTROLLER, R00 US & CANADA
WAP911400-E6	WAP 9114 802.11ac SMB AP	WLAN 9114 ENTERPRISE-CLASS, COST-EFFECTIVE INDOOR ACCESS POINT, 802.11ac, DUAL RADIO 2X2 MIMO, OMNI-DIRECTIONAL ANTENNA, INTEGRATED WIRELESS CONTROLLER, R00 US & CANADA
WAP913200-E6	WAP 9132 802.11ac 2x2 Mimo	WLAN 9132 INDOOR ACCESS POINT, 802.11n/ac, DUAL RADIO 2x2 MIMO, OMNI-DIRECTIONAL ANTENNA, INTEGRATED WIRELESS CONTROLLER, R00 US & CANADA
WAE913200-E6	Plenum Rated WAP 9132 2x2 Mimo	WLAN 9132 PLENUM RATED INDOOR ACCESS POINT, 802.11ac, DUAL RADIO 2x2 MIMO, INTEGRATED WIRELESS CONTROLLER, 4X N-STYLE MALE CONNECTORS, REQUIRES EXTERNAL ANTENNAS, R00 US & CANADA
WAP913300-E6	WAP 9133 802.11ac 3x3 Mimo	WLAN 9133 INDOOR ACCESS POINT, 802.11n/ac, DUAL RADIO 3x3 MIMO, OMNI-DIRECTIONAL ANTENNA, INTEGRATED WIRELESS CONTROLLER, R00 US & CANADA
WAP914400-E6	WAP 9144 802.11ac Wave 2 AP	WLAN 9144 INDOOR ACCESS POINT, 802.11ac WAVE 2, DUAL RADIO 4X4 MU-MIMO, OMNI-DIRECTIONAL ANTENNA, INTEGRATED WIRELESS CONTROLLER, R00 US & CANADA
WAP917200-E6	WAP 9172 802.11ac 4 Radio 2x2 Mimo	WLAN 9172 INDOOR 4 -RADIO ACCESS POINT, 802.11ac, 2x2 MIMO, INTEGRATED WIRELESS CONTROLLER, R00 US & CANADA
WAP917300-E6	WAP 9173 802.11ac 4 Radio 3x3 Mimo	WLAN 9173 INDOOR 4 -RADIO ACCESS POINT, 802.11ac, 3x3 MIMO, INTEGRATED WIRELESS CONTROLLER, R00 US & CANADA
WAO912200-E6	WAO (outdoor) 9122 802.11n 2x2 Mimo	WLAN 9122 OUTDOOR ACCESS POINT, 802.11a/b/g/n, DUAL RADIO 2x2 MIMO, INTEGRATED WIRELESS CONTROLLER, NO ANTENNA, 4 RP-TNC CONNECTORS, R00 US & CANADA
WAO913200-E6	WAO (outdoor) 9132 802.11ac 2x2 Mimo	WLAN 9132 OUTDOOR ACCESS POINT, 802.11ac, DUAL RADIO 2x2 MIMO, INTEGRATED WIRELESS CONTROLLER, 4X N-STYLE MALE CONNECTORS, REQUIRES EXTERNAL ANTENNAS, R00 US & CANADA
WLAN 9100 SW and Licenses		
WLC0002NAC	UPG 2 AP's to 802.11ac	WLAN 9100 LICENSE UPGRADE FOR 2 ACCESS POINTS FROM 11N to 11AC
WLC0010NAC	UPG 10 AP's to 802.11ac	WLAN 9100 LICENSE UPGRADE FOR 10 ACCESS POINTS FROM 11N to 11AC
WLC0050NAC	UPG 50 AP's to 802.11ac	WLAN 9100 LICENSE UPGRADE FOR 50 ACCESS POINTS FROM 11N to 11AC
WOS9100E	Wireless Orchestration System Base License	WLAN ORCHESTRATION SYSTEM FOR WLAN 9100 SERIES, BASE SOFTWARE WITH 10 AP LICENSES
WLC0050WOS	Wireless Orchestration System Addl 50 AP's	WLAN ORCHESTRATION SYSTEM LICENSE - SUPPORT FOR 50 WLAN 9100 ACCESS POINTS - REQUIRES BASE SOFTWARE
WLC0100WOS	Wireless Orchestration System Addl 100 AP's	WLAN ORCHESTRATION SYSTEM LICENSE - SUPPORT FOR 100 WLAN 9100 ACCESS POINTS - REQUIRES BASE SOFTWARE
WLC0500WOS	Wireless Orchestration System Addl 500 AP's	WLAN ORCHESTRATION SYSTEM LICENSE - SUPPORT FOR 500 WLAN 9100 ACCESS POINTS - REQUIRES BASE SOFTWARE
WLC1000WOS	Wireless Orchestration System Addl 1000 AP's	WLAN ORCHESTRATION SYSTEM LICENSE - SUPPORT FOR 1000 WLAN 9100 ACCESS POINTS - REQUIRES BASE SOFTWARE
WLC0005APP	Application Control License 5 Access Points	WLAN 9100 APPLICATION CONTROL LICENCE, SW UPGRADE FOR 5 ACCESS POINTS
WLC0020APP	Application Control License 20 Access Points	WLAN 9100 APPLICATION CONTROL LICENCE, SW UPGRADE FOR 20 ACCESS POINTS
WLC0200APP	Application Control License 200 Access Points	WLAN 9100 APPLICATION CONTROL LICENCE, SW UPGRADE FOR 200 ACCESS POINTS

BADGER

PART NUMBER:	Name	Description
WLAN 9100 Antennas and Accessories		
WAB910001-E6	WLAN 912X Wall Mount Bracket	WLAN 9100 SPARE WALL MOUNT BRACKET FOR INDOOR APs
WAB910002-E6	WLAN 916X and 917X	WLAN 9100 WALL MOUNTING BRACKET FOR 916X AND 917X AP Wall Mount Bracket
WAT911360-E6	WLAN 9100 Outdoor Antenna	WLAN 9100 ANTENNA 2.4GHz/5GHz, OMNI-DIRECTIONAL 360 DEGREE, 1x1 "RUBBER DUCK" FOR WAO9100. ATTACHES DIRECTLY TO RP-TNC CONNECTOR, NO CABLES REQUIRED. ORDER ONE ANTENNA PER RP-TNC CONNECTOR.
WAT912035-E6	WLAN 9100 Antenna 30 degree	WLAN 9100 ANTENNA 2.4GHz/5GHz, SUPPORTS 2 RADIOS, 14dBi, 30 DEGREE, 2X2 PANEL WITH N-FEMALE CONNECTORS FOR WAO9100. Order 4 cables per antenna
WAT912090-E6	WLAN 9100 Antenna 90 degree	WLAN 9100 ANTENNA 2.4GHz/5GHz, SUPPORTS 1 RADIO, 6/7dBi, 90 DEGREE, 2X2 PANEL WITH N-FEMALE CONNECTORS FOR WAO 9100. Order 2 cables per antenna
WAT910010-E6	WLAN 9100 Cable for External Antennas	WLAN 9100 10 FEET ANTENNA CABLE FOR WAO 9100. CABLE IS LMR-195, MALE CABLE RP-TNC TO MALE N CONNECTORS.
WPR9100E1-E6	WLAN 9100 POE Injector	WLAN 9100 POE INJECTOR FOR 912X, 913X, INDOOR AND OUTDOOR ACCESS POINT, NORTH AMERICAN POWER CORD

CNP9100**Avaya Cloud Networking Platform for Wireless**

Avaya Cloud Networking Platform is a perfect fit for customers looking to deploy and manage their WLAN 9100 Series network with limited IT staff while improving overall security of their network services. This cloud platform provides the following benefits:

Simplicity - Avaya Cloud Networking Platform delivers faster deployment of access points, automated software updates and built-in RF best practices for optimal performance.

Robust Security - Multi-tenancy isolates customer data, and encryption prevents visibility of communications between a customer site and the cloud. Advanced security features like firewall in the Access Points and Application level security policies help conform to regulations like PCI-DSS and HIPAA.

Scalability - Avaya Cloud Networking Platform supports multi-tenancy and scales to with thousands of Access Points and tens of thousands of users per tenant.

BADGER PART NUMBER:

CNP9100 Cloud Networking Platform - WLAN 9100

Pro-Cloud Wi-Fi and ProCloud Plus Wi-Fi

ADTRAN's ProCloud Wi-Fi gives you the reliable wireless you need at a price you can afford. You can now do more with less! Quickly and easily build and manage a fully mobile workplace using ADTRAN's ProCloud portfolio of comprehensive cloud-managed networking solutions, ProCloud gives you:

- Network visibility and control with centralized cloud-management, proactive alerting, and customized reporting. See your wireless how you want, when you want.
- A pay-as-you-grow cloud management starting as low as \$99 per Access Point per year. Minimize your costs and scale your wireless network as you grow and when you're ready.
- Guaranteed 99.99% network uptime with best in industry technical support, the fastest response times, hardware replacement and configuration backup.
- Flexibility with multiple deployment options and freedom of migration. As your business changes, your wireless services can too... Keeping you in control and protecting your costs.
- Choice of 802.11n and 802.11ac access points to optimize coverage within budget

In addition, for organizations with limited IT resources, ADTRAN offers ProCloud Plus, which adds remote cloud management services performed by ADTRAN technical experts, allowing you to focus on core business goals. Rely on ADTRAN for configuration changes, proactive troubleshooting for key issues, and interactive support for the fastest time to resolution!

Description	ProCloud	ProCloud Plus
Elastic Infrastructure		
Pay-as-you-grow scalable infrastructure	P	P
Cloud ready deployments with centralized configuration	P	P
Includes firmware updates	P	P
Centralized Cloud Management		
Single-pane-of-glass to view all ProCloud devices and IP Endpoints across the network	P	P
View into wireless network health, security, and usage	P	P
Real-time customizable reporting and management dashboard	P	P
Guaranteed Network Uptime and SLAs		
7x24 monitoring of cloud management infrastructure and ProCloud devices, alerts, and access to support	P	P
Choice of remote or onsite advance hardware replacement options	P	P
Configuration back up to the cloud	P	P
Firmware Upgrades		
Firmware software available	P	
Security firmware updates		P
Optional onsite support	P	P
Freedom of Migration	P	P
Proactive Troubleshooting		
Automatic trouble tickets for key alerts, working with customer or partner for resolution		P
Augmenting IT staff with ADTRAN internetworking expertise		P
Configuration Support		P
Augments existing support strategies for quickly scaling management services		P
Freedom of deployment to elect when to leverage ProCloud Plus		P

ProCloud Wi-Fi			
Description	Service Term	NBD	7x24x4
Indoor Access Points (Bluesocket 1920, 1925, 1930, 1930, 2020, 2030, 2135 and 2035)	1 YR	1100MSPH200112	1100MSPH300112
	3 YR	1100MSPH200136	1100MSPH300136
	5 YR	1100MSPH200160	1100MSPH300160
Outdoor Access Points (Bluesocket 1940)	1 YR	1100MSPH210112	1100MSPH310112
	3 YR	1100MSPH210136	1100MSPH310136
	5 YR	1100MSPH210160	1100MSPH310160

ProCloud Plus Wi-Fi			
Description	Service Term	NBD	7x24x4
Indoor Access Points (Bluesocket 1920, 1925, 1930, 1930, 2020, 2030, 2135 and 2035)	1 YR	1100MSPM200112	1100MSPM300112
	3 YR	1100MSPM200136	1100MSPM300136
	5 YR	1100MSPM200160	1100MSPM300160
Outdoor Access Points (Bluesocket 1940)	1 YR	1100MSPM210112	1100MSPM310112
	3 YR	1100MSPM210136	1100MSPM310136
	5 YR	1100MSPM210160	1100MSPM310160

View our searchable electronic catalog at: www.badgercommunications.com



ONLINE STORE we've got you covered

www.badgercommunications.com

FREE STANDARD SHIPPING

*for all orders that qualify for standard ground shipping, some exclusions apply

QUOTES Easily view, create and modify quotes inside our online store. When you're ready you can convert to an order with the click of a button.

WHAT'S IN STOCK? Our stock quantities are clearly displayed in real-time.

ORDER HISTORY View the order history for your entire company from the ORDER HISTORY tab on our Online Store.

715-672-4200 The Badger Communications team is available Monday-Friday 8am-4:30pm.

Technical and Design Support

The Badger Support Team will help you understand which hardware and software your Avaya systems need to ensure your customer has the features they need.

Save time and headache on your next install by having the Badger team pre-program your next Avaya system.



TRAINING

Choose our introductory classes to refresh or take your first steps into the world of Avaya and IP Office.

You can even sell an IP Office and program it during training at Badger.

EWS360AP

Neutron Dual-Band 3x3 Wireless Managed Indoor Access Point

- Stand-alone AP or part of scalable Neutron NW Mgmt. Solution featuring ezMaster Software
- Supports 802.11a/b/g/n/ac speeds up to 1300 Mbps

BADGER PART NUMBER:

EWS360AP



EWS360AP

EWS500AP

Neutron Wireless Wall Plate 2x2 Managed Access Point/Switch

- Installs onto a standard J-box for in-room wireless, PoE & wired connections
- Quick/easy to deploy in hotel guest rooms, student residences, retirement facilities, multi-tenant dwellings, classrooms
- 2.4 GHz single-band, 802.11b/g/n wireless support, max. speed 300Mbps
- (3) 10/100Mbps data ports for in-room connectivity of IPTVs, networked mini-bars, printers, gaming consoles, etc.
- (1) 10/100Mbps data port w/802.11af/at PoE for powering VoIP phones
- (1) RJ45 pass-through port to connect phones/fax machines

BADGER PART NUMBER:

EWS500AP

EWS510AP

Neutron Dual-Band Wireless Wall Plate 2x2 Managed Access Point/Switch

- Installs onto a standard J-box for in-room wireless, PoE & wired connections
- Quick/easy to deploy in hotel guest rooms, student residences, retirement facilities, multi-tenant dwellings, classrooms
- 2.4/5 GHz dual-band, 802.11b/g/n wireless support, max. speed 300Mbps per band
- (3) 10/100Mbps data ports for in-room connectivity of IPTVs, networked mini-bars, printers, gaming consoles, etc.
- (1) 10/100Mbps data port w/802.11af/at PoE for powering VoIP phones
- (1) RJ45 pass-through port to connect phones/fax machines

BADGER PART NUMBER:

EWS510AP



EWS510AP

EWS320AP

Neutron Dual-Band Wireless Managed Indoor Access Point

- Stand-alone AP or part of scalable Neutron NW Mgmt. Solution featuring ezMaster Software
- Supports 802.11a/b/g/n speeds to 450 Mbps

BADGER PART NUMBER:

EWS320AP



EWS320AP

EWS300AP

Neutron Indoor Ceiling-Mount Wireless 2x2 2.4GHz Managed Access Point

- Low profile, 2.4 GHz single-band, affordable for large homes/small biz
- Supports 802.11b/g/n wireless, max. speed 300Mbps, (1) GigE PoE 802.3af port
- (2) Internal 5 dBi 2x2:2 antenna, Fast Roaming, Guest Network, SSID-to-VLAN
- Stand-alone AP or part of a scalable Neutron NW Mgmt. Solution featuring ezMaster software
- No license, subscription or tech support fees, deploy ezMaster locally, remotely or via the Cloud
- Scalable/flexible-manage a few or 1,000+ APs/Switches in various locations

BADGER PART NUMBER:

EWS300AP

EWS310AP

Neutron Dual-Band 2x2 Wireless Managed Indoor Access Point

- Stand-alone AP or part of a scalable Neutron NW Mgmt. Solution featuring ezMaster software
- Scalable/flexible-managed few or 1k+APs/Switches
- Supports 802.11a/b/g/n speeds to 300Mbps
- 4 5dBi Internal MIMO Antennas

BADGER PART NUMBER:

EWS310AP



EWS310AP

EWS660AP

Neutron Dual Band 11ac Wireless 3x3 Managed Outdoor Access Point

- Stand-alone AP or part of scalable Neutron NW Mgmt. Solution featuring ezMaster Software
- Supports 802.11a/b/g/n/ac speeds to 1300 Mbps on 5GHz; 450 on 2.4 GHz
- 6 5dBi Internal High Gain Antennas
- Dual-Gigabit Ports; IP55-Rated Waterproof Housing

BADGER PART NUMBER:

EWS660AP



EWS660AP

EWS860AP

Neutron Dual Band 11ac Wireless 3x3 Managed Outdoor Access Point

- Stand-alone AP or part of scalable Neutron NW Mgmt. Solution featuring ezMaster Software
- No license/subscription fees
- 6 Removable external high gain antennas
- Dual-Gigabit Ports; IP68-Rated Waterproof Housing

BADGER PART NUMBER:

EWS860AP



EWS860AP

EWS2910P

Neutron 8-Port GigE 61.6W PoE+ WLAN Controller/Switch

- (8) 10/100/1000Mbps, 802.3af PoE+ ports w/(2) SFP ports; desktop model
- Full-featured Layer 2 PoE Switch & WLAN for up to 20 Neutron APs
- Part of a scalable Neutron NW Mgmt. Solution featuring ezMaster software
- Scalable, Simple to use, Managed and Deploy
- Rich reporting & analytics, SmartSynch Redundancy w/Neutron APs & ezMaster
- Topology view automatically maps & displays network devices & relationships

BADGER PART NUMBER:
EWS2910P



EWS2910P

EWS2910P-Kit-300

Neutron WLAN Starter Kit

- Create or expand a high-speed wireless network with this ready-to-deploy, affordable WLAN pack for large homes/small biz
- Stand-alone AP/Switch or part of a scalable Neutron NW Mgmt. Solution featuring ezMaster software
- Scalable, Simple to use, Managed and Deploy
- Kit includes: (1) 8-port GigE 61E WLAN Controller Switch (manage up to 20 APs); (2) EWS300AP 2x2 2.4GHz Ceiling-Mount Wireless Managed APs

BADGER PART NUMBER:
EWS2910P

EWS5912FP

Neutron 8-Port GigE 130W PoE+ WLAN Mgmt. Controller Switch w/2 SFP Ports

- Manage and monitor up to 50 Neutron Series Wireless Access Points

BADGER PART NUMBER:
EWS5912FP



EWS5912FP

EWS7928FP

Neutron 24-Port GigE 370W PoE+ WLAN Mgmt. Controller Switch w/4 SFP Ports

BADGER PART NUMBER:
EWS660AP



EWS7928FP

EWS7928P

Neutron 24-Port GigE 185W PoE+ WLAN Mgmt. Controller Switch w/4 SFP Ports

BADGER PART NUMBER:
EWS7928P



EWS7928P

EWS7952FP

Neutron 48-Port GigE 740W PoE+ WLAN Mgmt. Controller Switch w/4 SFP Ports

BADGER PART NUMBER:
EWS7952FP



EWS7952FP

DIY - DESKTOP/CEILING/WALL-MOUNT INDOOR ACCESS POINTS

ECB350

High-Powered, Long-Range Wireless N300 Indoor Access Point/Client Bridge w/Gigabit

- High-powered, long-range Wi-Fi
- Multi-mode operation: AP, Client Bridge, Universal Repeater, WDS Bridge, WDS AP, WDS Station, AP Router, Client Router
- 2.4 GHz 802.11b/g/n with speeds up to 300Mbps
- (1) GigE port w/802.3af PoE support
- Includes free EZ Controller software to control/maintain wireless network

BADGER PART NUMBER:
ECB350



ECB300

ECB1750

Indoor Wireless Access Point/Ethernet Bridge, Dual-Band AC1750

- Dual-Band 11ac Speeds to 1300Mbps on 5GHz; to 450Mbps on 2.4GHz
- Strong 29dBm Transmit Power Ensures Greater Range & Multi-Floor Penetration
- 6 Wide-Reaching, Detachable 5dBi Omni-Directional Antennas; 3 Per Band
- PoE-Compliant Port for Greater Deployment & Power Options
- Flexible Mounting Options With Desk, Wall or Ceiling-Mount-Ready Holes
- Versatile Operation Mode Support: AP, Client Bridge, WDS AP, WDS Station & WDS Bridge

BADGER PART NUMBER:
ECB1750



ECB1750

ECB600

Indoor Wireless Access Point/ Ethernet Bridge, Dual-Band N600

- Dual-Band 11n Speeds to 300Mbps on 5GHz; to 300Mbps on 2.4GHz
- High 29dBm Transmit Power on 2.4GHz; 26dBm on 5GHz Enabling Greater Range & Penetration
- 4 Far-Reaching, Detachable Omni-Directional 5dBi Antennas; 2 Per Band
- 802.3at PoE-Compliant Port Offers Flexible Deployment & Power Options
- Multi-Mounting Options with Desk, Wall or Ceiling-Mount-Ready Holes
- Versatile Mode Support: AP, Client Bridge & WDS AP/Station/Bridge

BADGER PART NUMBER:
ECB600



ECB600

EAP300

High-Powered, Long-Range Ceiling-Mount, Wireless N300 AP

- Long-Range, 800mW Tx Power
- Wireless-N AP and WDS Bridge
- 300 Mbps / 2.4GHz
- 1 Fast Ethernet Port / PoE

BADGER PART NUMBER:
EAP300



EAP300

EAP350

High-Powered, Long Range Ceiling Mount Wireless N300 Indoor AP

- Long-Range, 800mW Tx Power
- Wireless-N AP and WDS Bridge
- Up to 300 Mbps / 2.4GHz
- (1) Gigabit Ethernet Port / PoE

BADGER PART NUMBER:
EAP350



EAP350

Ecb1200

Indoor Wireless Access Point/ Ethernet Bridge, Dual-Band AC1200

- Dual-Band 11ac Speeds to 866Mbps on 5GHz; to 300Mbps on 2.4GHz
- Strong 29dBm Transmit Power Ensures Greater Range & Multi-Floor Penetration
- 4 Far-Reaching, Detachable 5dBi Omni-Directional Antennas; 2 Per Band
- PoE-Compliant Port Offers More Deployment & Power Options
- Flexible Mounting Options With Desk, Wall or Ceiling-Mount-Ready Holes
- Versatile, Operation Mode Support: AP, Client Bridge, WDS AP, WDS Station & WDS Bridge

BADGER PART NUMBER:
ECB1200



ECB1200

EAP600

Indoor Wireless Access Point, Dual- Band N600

- Dual-Band 11n Speeds to 300Mbps on 2.4 GHz; to 300Mbps on 5GHz
- Low-Profile Ceiling-Mount Option with Included Mounting T-Rail
- High 29dBm Transmit Power on 2.4GHz; 26dBm on 5GHz Ensures Greater Range & Penetration
- 4 Wide-Extending, 5dBi, Integrated Omni Antenna Array Minimizes Interference
- 802.3at-Compliant PoE Port Expands Deployment & Power Options
- Versatile, Operation Mode Support: AP, WDS Bridge & WDS Access Point

BADGER PART NUMBER:
EAP600



EAP600

EAP1200H

Indoor Wireless Access Point, Dual- Band AC1200

- Dual-Band 11ac Speeds to 866Mbps on 5GHz; to 300Mbps on 2.4GHz
- Low-Profile Ceiling-Mount Option with Included Mounting T-Rail
- Solid 26dBm Transmit Power Extends Wireless Performance Range
- 4 Internal, 5dBi Antenna Array Minimizes Interference for Enhanced Reliability
- 802.3at-Compliant POE Port Expands Deployment & Power Choices
- Versatile, Multi-Mode Support: AP, WDS Bridge & WDS AP
- Band Steering Optimizes Network Traffic

BADGER PART NUMBER:
EAP1200H



EAP1200H

Fit with weatherproof housing, these affordable long-range solutions can be installed anywhere.

ens202

Outdoor Wireless Ethernet Bridge N300, 2.4GHz

- 11n Speed to 300Mbps on 2.4GHz
- Strong 26 dBm Transmit Power Ensures Long-Range Communications
- Internal Dual-Polarity 8dBi MIMO Antenna Maximizes Wireless Connections
- IP55-Rated Waterproof Casing Withstands Harsh Climates
- Flexible Operation Modes: AP, Client Bridge/Router or WDS Bridge
- Quickly Deploy with Included Mount-Ready Hardware & PoE Injector
- PoE Extends Power to Unwired Areas; Connect Remote IP Cameras or APs via 2nd Port



ENS202

BADGER PART NUMBER:
ENS202

ENS500

Outdoor Wireless Ethernet Bridge N300, 5GHz

- 11n Speeds to 300Mbps on 5GHz
- High 26dBm Transmit Power Enables Long-Range Outdoor Connections
- Integrated, Directional 10dBi MIMO Antennas for Extended Coverage
- IP65-Rated Waterproof Housing Withstands Harsh Climates
- PoE Extends Power to Unwired Areas; Connect Remote IP Cameras or APs via 2nd Port
- Versatile Function Modes: AP, Client Bridge/Router or WDS Bridge
- Quickly Deploy with Included Mount-Ready Hardware & PoE Injector



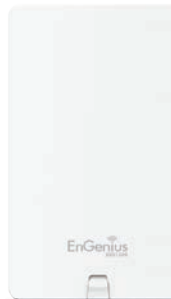
ENS550

BADGER PART NUMBER:
ENS550

ENS1200

Outdoor Wireless Access Point, Dual-Band AC1200

- Dual-Band 11ac Speeds to 866Mbps on 5GHz; to 300Mbps on 2.4GHz
- IP55-Rated Waterproof Housing Withstands Harsh Environments
- Robust 27dBm Transmit Power Extends Outdoor Connectivity
- Wide Reaching, Internal, 5dBi High-Gain Antennas on Both Bands
- PoE-Compliant Primary Gig-Port & Secondary Pass-Through Gig-Port Provides Added Flexibility
- Fast Roaming Secures Seamless Connections; Band Steering Optimizes Network Traffic Flow



ENS1200

BADGER PART NUMBER:
ENS1200

ENS202EXT

Outdoor Wireless Access Point N300, 2.4GHz, Removable Antennas

- 11n Speeds to 300Mbps on 2.4GHz
- IP55-Rated Casing Withstands Harsh Environments
- Robust 26dBm Transmit Power Supports Long-Range Outdoor Connections
- 2 Omni Detachable 5dBi, MIMO Antennas Maximize Coverage
- PoE-Compatible 10/100 Port & Second 10/100 Port for Remote IP Cameras or APs
- Flexible Operation Modes: AP, Client Bridge/Router or WDS Bridge
- Deploy Quickly with Mount-Ready Hardware & PoE Injector



ENS202EXT

BADGER PART NUMBER:
ENS202EXT

ENS500EXT

Outdoor Wireless Access Point N300, 5GHz, Removable Antenna

- 11n Speeds to 300Mbps on 5GHz
- Industrial-Grade, IP65-Rated Housing Withstands Harsh Environments
- Hardy 26dBm Transmit Power Delivers Long-Range Outdoor Connectivity
- 2 Omni Detachable 5dBi MIMO Antennas Maximize Coverage
- PoE Extends Power to Unwired Areas; Connect Remote IP Cameras or APs via 2nd Port
- Flexible Operation Modes: AP, Client Bridge/Router or WDS Bridge
- Quickly Deploy with Mount-Ready Hardware & PoE Injector



ENS550EXT

BADGER PART NUMBER:
ENS500EXT

ENS1750

Outdoor Wireless Access Point, Dual-Band AC1750

- Dual-Band 11ac Speeds to 1300Mbps on 5GHz; to 450Mbps on 2.4GHz
- IP55-Rated Waterproof Housing Withstands Harsh Environments
- High 29dBm Transmit Power Enables Long-Range Connections
- Far-Reaching Internal, High-Gain 5dBi Antennas on Both Bands
- PoE-Compliant Primary Gig-Port & Secondary Pass-Through Gig-Port Offers Deployment Flexibility
- Fast Roaming Secures Seamless Connections; Band Steering Optimizes Network Traffic Flow



ENS1750

BADGER PART NUMBER:
ENS1750

EnStation delivers high-performance, robust range up to 5 miles when paired with another EnStation. They can also be used in Client Bridge mode to extend Point-to-Point or Point-to-Multipoint Networks.

ENSTATION2

Outdoor, Long-Range N300 Ethernet Bridge, 2.4 GHz

- Strong 13dBi High-Gain Antennas Extend Networks to 5 Miles Pt.-to-Pt.
- 11n Wireless up to 300Mbps on 2.4GHz; to 90Mbps at ½ Mile
- PoE Port & Injector Extends Power to Unwired Areas; Connect Remote IP Cameras or APs via 2nd Port
- Narrow-Focused Wireless Beam Reduces Interference over Long-Ranges
- Rugged IP55-Rated Waterproof Case Defies Harsh Climates
- 360-Degree, 3-axis pivoting arm locks for precise alignment with wall & pole mount



ENSTATION2

BADGER PART NUMBER:
EnStation2

ENStation5

Outdoor Long-Range N300 Ethernet Bridge, 5Ghz

- Powerful, 19 dBi High-Gain Antennas Extend Networks to 5 Miles Pt.-to-Pt.
- 11n Wireless Speeds to 300Mbps on 5GHz; to 90Mbps at ½ Mile
- PoE Port & Injector Extends Power to Unwired Areas; Connect Remote IP Cameras or APs via 2nd Port
- Narrow-Focused Wireless Beam Reduces Interference over Long-Ranges
- Rugged IP55-Rated Waterproof Case Defies Harsh Climates
- 360-Degree, 3-axis pivoting arm locks for precise alignment with wall & pole mount



ENSTATION5

BADGER PART NUMBER:
EnStation5

ENSTATIONAC

Outdoor Long-Range 11ac Wireless Bridge

- Powerful, 19dBi High-Gain Antennas Extend Networks to 5 Miles Pt.-to-Pt.
- 11ac Wireless Speeds to 867Mbps; to 400Mbps at ½ mile
- Optimal Bandwidth Supports Heavy Video Delivery over Long Distances
- 2 Gigabit PoE-Compliant Ports Offer Flexible Power Options for Remote IP Cameras or APs
- Focused, Narrow, Wireless Beam Reduces Interference for Long-Range Transmissions
- 360-Degree, 3-Axis Pivoting Arm Locks for Precision Alignment



ENSTATIONAC

BADGER PART NUMBER:
EnStationAC

INDUSTRIAL – OUTDOOR ACCESS POINTS/BRIDGES

Built with industrial-grade material, these APs offer weatherproof housing for harsh environments. From outdoor stadiums to RV parks and universities, these industrial-grade APs are proven to last against the elements.

ENH202

Outdoor Wireless Ethernet Bridge N300, 2.4GHz

- 11n Speeds to 300Mbps on 2.4GHz
- High 29dBm Transmit Power Extends Pt-to-Pt & Pt-to-Multipt Networks
- Focused, 10dBi Directional Antenna Beam
- Industrial-Grade, IP65-Rated Housing Withstands Harsh Environments
- PoE-Compatible 10/100 Port & Second 10/100 Port for Remote IP Cameras or APs
- Flexible Operation Modes: AP, Client Bridge/Router or WDS Bridge
- Quickly Deploy with Mount-Ready Hardware & PoE Injector



ENH202

BADGER PART NUMBER:
ENH202

ENH220EXT

Outdoor Ruggedized Wireless Access Point, N300

- 11n Speeds to 300 Mbps on 2.4GHz
- Potent 28dBm Transmit Power Ensures Wide-Range Connectivity
- 2 Broad-Reaching, Detachable 5dBi Omni-directional Antennas
- Industrial-Grade IP68-Rated Waterproof Casing Withstands Harsh Environments
- PoE-Complaint Primary Gig-Port & Secondary Gig-Port Connect IP Cameras or APs
- Flexible Deployment Modes: AP, Client/WDS Bridge
- Quickly Deploy with Mount-Ready Hardware & PoE Injector



ENH220EXT

BADGER PART NUMBER:
ENH220EXT

ENH500

Outdoor Wireless Ethernet Bridge N300, 5GHz

- 11n Speeds to 300Mbps on 5GHz
- Strong 28dBm Transmit Power Expands Pt-to-Pt & Pt-to-Multipt Networks
- Focused, 3dBi Directional Antenna Beam
- Industrial-Grade, IP65-Rated Casing Withstands Harsh Environments
- PoE-Compatible 10/100 Port & Second 10/100 Port for Remote IP Cameras or APs
- Flexible Operation Modes: AP, Client Bridge/ Router or WDS Bridge
- Quickly Deploy with Mount-Ready Hardware & PoE Injector



ENH500

BADGER PART NUMBER:

ENH500

ENH900EXT

Outdoor Ruggedized Wireless Access Point, Dual-Band N900, 3x3

- Dual-Band 11n Speeds to 450Mbps on 5GHz; to 450Mbps on 2.4GHz
- Strong 29dBm Transmit Power Extends Outdoor Coverage
- 6 Detachable Omni-Directional Antennas; 5dBi on 2.4GHz & 7dBi on 5GHz
- Industrial-Grade IP68-Rated Waterproof Housing Withstands Harsh Environments
- 2 PoE-Complaint Gig-Ports for Flexible Remote IP Camera or AP Power Options
- Secure Guest Network, Seamless Fast Roaming; Band Steering Optimizes Network Traffic



ENH900EXT

BADGER PART NUMBER:

ENH900EXT

ENH710EXT

Outdoor Ruggedized Wireless Access Point, Dual-Band N600

- Dual-Band 11n Speeds to 300Mbps on 5GHz; to 300Mbps on 2.4GHz
- Robust 27dBm Transmit Power Ensures Broad Connectivity
- 4 Wide-Reaching, Detachable Antennas; 5dBi on 2.4GHz & 7dBi on 5GHz
- Industrial-Grade IP68-Rated Waterproof Housing Withstands Harsh Environments
- 1 PoE-Compliant Gig-Port & 1 Standard Gig-Port for Outdoor IP Cameras or APs
- Secure Guest Network, Seamless Fast Roaming; Band Steering Optimizes Network Traffic



ENH710EXT

BADGER PART NUMBER:

ENH710EXT

ENH1750EXT

Outdoor Ruggedized Wireless Access Point, Dual-Band AC1750

- Dual-Band 11ac Speeds to 1300Mbps on 5GHz; to 450Mbps on 2.4GHz
- High 29dBm Transmit Power Ensures Long-Range Connectivity
- 6 Wide-Reaching, Detachable Antennas; 5dBi on 2.4GHz & 7dBi on 5GHz
- Industrial-Grade IP68-Rated Waterproof Housing Withstands Harsh Environments
- 2 Gigabit PoE-Compliant Ports Offer Flexible Power Options for Remote IP Cameras or APs
- Fast Roaming for Seamless Connections; Band Steering Optimizes Network Traffic



ENH1750EXT

BADGER PART NUMBER:

ENH1750EXT

WAC720

ProSAFE® Business 2 x 2 Dual Band Wireless-AC Access Point

The NETGEAR® WAC720 ProSAFE® Wireless Access Point is a high-performance dual band 802.11ac AP supporting up to an aggregate throughput of 1.2 Gbps (300 Mbps for 2.4GHz and 867 Mbps 802.11ac for 5GHz) with standalone and Ensemble management for centralized group management of up to 10 APs. WAC720 Business AP operates in either standalone mode with an intuitive user interface or in Ensemble mode for centralized group management of up to 10 APs. It is perfectly positioned for customers demanding high throughput, ultra-superior performance, and extensive coverage deployment for Small and Medium Enterprises, K-12, and Hospitality.

- Business class with superior 802.11ac performance (up to 1.2 Gbps)
- 2 x 2 (transmit x receive) with 2 streams of data for 2.4GHz (300 Mbps) and 5GHz (867 Mbps) of reliable data delivery
- Dual band concurrent operation with backward compatibility to 802.11n
- Power-over-Ethernet (802.3af) for ease of deployment
- Ease of use with simple and intuitive graphical user interface
- Ensemble management for centralized management of up to 10 APs in a single group
- Comprehensive security with WPA and WPA2 and MAC address Access List
- Compact and elegant design stylishly blends into the environment
- Lifetime warranty and 24x7 Support where available
- Powered by PoE or DC power inputs (PoE switch and AC/DC power adapter are not included)



WAC720

BADGER PART NUMBER:	Description
WAC720-100NAS	ProSAFE® WAC720 Business 2 x 2 Dual Band Wireless-AC Access Point (U.S. and Canada only)
WAC720-10000S	ProSAFE® WAC720 Business 2 x 2 Dual Band Wireless-AC Access Point (Everywhere except U.S. and Canada)
ACCESSORIES	Description
WC100APL-10000S	WLESS CONTROL LIC TO MANAGE 100 AP
WC10APL-10000S	WLESS CONTROL LIC TO MANAGE 10 AP

WAC730

ProSAFE® Business 3 x 3 Dual Band Wireless-AC Access Point

The NETGEAR® WAC730 ProSAFE® Wireless Access Point is a high-performance dual band 802.11ac AP supporting up to an aggregate throughput of 1.3 Gbps (450 Mbps for 2.4GHz and 1.3 Gbps 802.11ac for 5GHz) with standalone and Ensemble management for centralized group management of up to 10 APs. WAC730 Business AP operates in either standalone mode with an intuitive user interface or in Ensemble mode for centralized group management of up to 10 APs. It is perfectly positioned for customers demanding high throughput, ultra-superior performance, and extensive coverage deployment for Small and Medium Enterprises, K-12, and Hospitality.

- Business class with superior 802.11ac performance (up to 1.8 Gbps)
- 3 x 3 (transmit x receive) with 3 streams of data for 2.4GHz (450 Mbps) and 5GHz (1.3 Gbps) of reliable data delivery
- Dual band concurrent operation with backward compatibility to 802.11n
- Power-over-Ethernet (802.3af) for ease of deployment
- Ease of use with simple and intuitive graphical user interface
- Ensemble management for centralized management of up to 10 APs in a single group
- Comprehensive security with WPA and WPA2 and MAC address Access List
- Compact and elegant design stylishly blends into the environment
- Lifetime warranty and 24x7 Support where available
- Powered by PoE or DC power inputs (PoE switch and AC/DC power adapter are not included)



WAC730

BADGER PART NUMBER:	Description
WAC730-100NAS	ProSAFE® WAC730 Business 3 x 3 Dual Band Wireless-AC Access Point (U.S. and Canada only)
WAC730-10000S	ProSAFE® WAC730 Business 3 x 3 Dual Band Wireless-AC Access Point (Everywhere except U.S. and Canada)
ACCESSORIES	Description
WC100APL-10000S	WLESS CONTROL LIC TO MANAGE 100 AP
WC10APL-10000S	WLESS CONTROL LIC TO MANAGE 10 AP

WAC740

ProSAFE® Premium 4x4 Dual Band 802.11ac Wave 2 Access Point

The NETGEAR® Premium 802.11ac 4x4 Wave 2 Wireless Access Point (AP) delivers high performance with maximum client density for enterprises requiring ubiquitous and reliable wireless for all business applications. The WAC740 is a controller managed Access Point with ease of centralized management with all NETGEAR wireless controllers from small (WC7500) to mid-size (WC7600) and large-size (WC9500) deployment. The WAC740 comes with 2 ports, including a 802.3at PoE+ multi-gigabit port that can handle up to 2.5Gbps of throughput, enabling a single wire to connect to a 2.5Gbps capable switch for ease of wiring installation.

- Features 802.11ac Wave 2 technology providing a theoretical aggregate throughput of 2.3Gbps—roughly double the rates offered by today’s high-end 802.11ac access points
- Reliable wireless coverage with 4 streams of data based on 4x4 (Transmit and Receive) optimized internal antennas
- Multi-user MIMO (MU-MIMO) increases efficiency and capacity – enabling clients to utilize the RF spectrum much more efficiently by allowing multiple-AP-to client transmissions, beamforming, wider bandwidth, and improved encoding
- AirQual feature enables spectrum analysis and interference identification
- Centrally managed by ProSAFE Wireless Controllers
- 2.5GBASE-T Multi-Gigabit support eliminates bottlenecks associated with standard Gigabit Ethernet (NBASE-T switch required to obtain speeds higher than 1Gbps w/ a single port)



WAC740

BADGER PART NUMBER:	Description
WAC740-100NAS	ProSAFE® WAC740 Business 4 x 4 Dual Band Wireless-AC Access Point (U.S. and Canada only)
WAC740-10000S	ProSAFE® WAC740 Business 4 x 4 Dual Band Wireless-AC Access Point (Everywhere except U.S. and Canada only)

ACCESSORIES:	Description
WC100APL-10000S	ProSAFE® WAC740 Business 4 x 4 Dual Band Wireless-AC Access Point (U.S. and Canada only)
WC10APL-10000S	ProSAFE® WAC740 Business 4 x 4 Dual Band Wireless-AC Access Point (Everywhere except U.S. and Canada only)

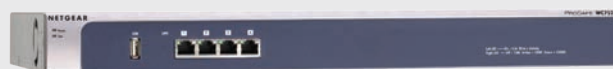
WC7520

High Performance Enterprise-Class Wireless Controller

The NETGEAR ProSafe 20-AP Wireless Controller WC7520 offers a high-performance and fully-featured Wireless LAN architecture to meet the demands of medium-sized businesses, schools, and hospitals with thousands of users. Focusing on ease-of-use, the WC7520 Controller simplifies wireless deployments and network management with best-in-class wireless reliability, coverage, and performance. The scalable WC7520 Controller enables businesses to grow their wireless network as needed with a dramatic return on investment, with optional licenses that support their changing needs.

- Scales up to 50 access points (AP)
- Stackable up to three units
- Delivers central wireless management, integrated wireless mobility, robust top-end security and rich converged services such as L2/L3 fast roaming, guest access captive portal and Voice over Wi-Fi support
- Lifetime warranty and 24x7 Support where available
- Delivers enterprise-class connectivity and secure wireless LAN functionality

BADGER PART NUMBER:	Description
WC7520-100NAS	4PT PROSAFE 20 AP WLS CONTROLLER
WC7510L-10000S	10 AP UPGRAD LIC WC7520



WC7520

WC7600

High Performance Enterprise-Class Wireless Controller

The NETGEAR® ProSAFE WC7600 Premium Wireless Controller is a fully featured enterprise class, high performance and secured wireless controller capable of managing up to 150 Access Points and 6,000 concurrent clients per cluster. The WC7600 delivers ultra-fast Access Point discovery, Layer 2 and Layer 3 fast roaming, multiple 10 Gigabit connectivity, a captive portal for guest access, fully distributed architecture, and ease of configuration and management. The NETGEAR ProSAFE WC7600 Premium Wireless Controller manages the full line of NETGEAR ProSAFE Access Points, from entry level single band APs (WNAP210 and WNAP320), business class dual band APs (WNDAP350 and WNDAP360), high performance 3x3:450Mbps per radio dual band selectable and concurrent APs (WNDAP620 and WNDAP660), to specialized in-wall mounted APs (WN370), all with a single click of a mouse.

- Stackable up to three units
- Supports up to 150 Access Points and 6,000 concurrent clients per controller cluster
- Backward compatible with 1G connectivity with SFP form factor
- Dynamically moves clients from a congested frequency (typically 2.4GHz) onto a less congested one (5GHz)
- Eliminates controller bottleneck for high throughput 802.11n APs
- Lifetime warranty and 24x7 Support where available

BADGER PART NUMBER:	Description
WC7600-10000S	PROSAFE 50 AP WLS CONTROLLER
WC50APL-10000S	WLESS CONTROL LIC TO MANAGE 50 AP



WC7600

WC9500

High Performance Enterprise-Class Wireless Controller

The NETGEAR® WC9500 Wireless Controller is the industry's first affordable, high capacity, secured wireless controller capable of managing up to 600 Access Points and 36,000 concurrent clients per cluster. The WC9500 delivers ultra-fast Access Point discovery, Layer 2 and Layer 3 fast roaming, multiple 10 Gigabit connectivity, a captive portal for guest access, fully distributed architecture, and ease of configuration and management. Unlike other WLAN systems that are costly, complex and cumbersome to deploy, the WC9500 High Capacity Wireless Controller is ideal for medium to large enterprise, higher education (university and colleges), large hospitals and medium to large size hotels. The NETGEAR WC9500 is designed with simplicity in management and ease of use to enable users to set up the systems in minutes. The product is enterprise-grade and feature-rich, and is secured and high performance.

- Supports up to 200 Access Points and 12,000 concurrent clients per controller
- Stackable up to three units
- Backward compatible with 1G connectivity with SFP form factor
- Data traffic can be forwarded to the best path without traversing the controller
- Eliminates controller bottleneck for high throughput 802.11n APs
- Lifetime warranty and 24x7 Support where available

BADGER PART NUMBER:	Description
WC9500-10000S	PSAFE HIGH CAPACITY WLESS CNTR
WC200APL-10000S	200 AP LICENSE FOR WC9500



WC9500