



KEY SELLING/ ATTACK POINTS

- **Superior performance at an affordable price point.** With 3x3 MIMO, high-powered radios, 256 QAM modulation and more, the AP 7562 lets your customers support an unprecedented number of WLAN users and applications at the same price as lower performing offerings.
- **Superior rugged design** for your customers' most demanding outdoor environments.
- **Zebra WiNG infrastructure.** Only Zebra Technologies offers the right architecture to support a significant increase in bandwidth: The AP 7562 is part of our WiNG 5 family of WLAN infrastructure, enabling your customers to reap all the benefits of 802.11ac — and then some. Our distributed architecture extends QoS, security and mobility services to the APs so your customers get better direct routing and network resilience.
- **Well proven brand.** At Zebra, we are an industry leader in offering in-depth expertise, advanced technology and a proven track record in both office-grade and industrial strength wireless solutions, enabling your customers to reduce risk and achieve maximum value from their 802.11ac deployment.

MARKETS

- Transportation & Logistics
- Retail
- Healthcare
- Hospitality

AP 7562 802.11AC OUTDOOR ACCESS POINT

Blazing 802.11ac speed and throughput in the most challenging outdoor environments — all at a low cost

Help your customers meet all their wireless bandwidth demands in outdoor spaces. The AP 7562 outdoor access point creates a brand new price point in the 802.11ac market — offering rugged housing to meet the demands of outdoor spaces, with the superior performance needed to provide high-performance, seamless, reliable and secure wireless access for even the densest user populations. Its next generation 802.11ac radio delivers up to four times the speed of 802.11n, while an 802.11n radio ensures backward compatibility with every mobile device in use in your customer's operation today. And with our high-powered radios, your customer will need fewer access points. The result? Maximum capacity and performance for outdoor wireless LANs — at a new low cost.

FEATURES AND BENEFITS

Highest performance wireless speeds with 3X3 MIMO and 256 QAM modulation

Three spatial streams plus 256 QAM modulation support on both the 2.4 GHz and 5 GHz radios deliver the maximum throughput needed to support virtually any enterprise application, including voice and HD video. The result? Your customer's WLAN can support an unprecedented number of users and applications.

Dual radio: supports 2.4 GHz and 5 GHz

The AP 7562 gives your customers an easy upgrade path to 5th generation 802.11ac Wi-Fi. The 802.11ac radio enables support for new 5 GHz mobile devices, while the 802.11n radio ensures support for all existing mobile devices — including legacy 2.4 GHz clients. This allows your customers to migrate to 802.11ac at their own pace — without having to replace their client devices all at once.

Outdoor rated IP67 diecast aluminum enclosure

The AP 7562 offers a rugged housing built to handle anything from rain, snow and hurricane-force winds to sub-zero temperatures

Gap-free security

The AP 7562 protects your customers' networks every second of every day with comprehensive integrated security features, including: layer 2-7 stateful packet filtering firewall, AAA RADIUS services, a VPN gateway and location-based access control. Your customers can comply with government and industry regulations.

Flexible Wireless IPS (WIPS) sensor support

Customers can deploy an AP 7562 as a dedicated wireless intrusion protection sensor. Or, Radio Share and Off-Channel Scan features work hand-in-hand to allow either or both radios to carry client data and act as a sensor, providing dual-band sensing without

adding cost. Your customers get around-the-clock rogue protection, without the need for standalone hardware and additional power or Ethernet cabling.

MeshConnex™ on both data radios

Creating a Mesh network on both radios allows automatic failover for superior uptime and survivability.

WiNG 5 family of WLAN infrastructure

The AP 7562 integrates with your customers' Zebra's WiNG 5-based wireless LAN. The access points can be adopted and centrally managed by NX/RFS controllers, further simplifying initial deployment as well as everyday monitoring and management. In addition, WiNG 5's distributed architecture extends QoS, security and mobility services to the APs for better direct routing and network resilience.

Beamforming

Your customers will enjoy a more robust wireless network than ever before. Beamforming creates the most efficient path between an access point and mobile device. The result is a stronger connection, for faster transmission speeds and better overall performance.

Backhaul detection

If an AP 7562 loses its backhaul connection, it self forms and self heals into a mesh router in the network, eliminating any disruption in wireless connectivity.

Guest access

Since your customers can prevent users from accessing authorized networks, sites and applications, it's easy to provide hotspot and guest access.

From-the-manufacturer support services

Our comprehensive portfolio of services can help your customers at every phase: from planning and implementation to post-deployment everyday support. Your customers can keep their wireless networks running at peak performance, reducing both the risk and operational costs associated with upgrading to the latest technology.

QUALIFYING QUESTIONS

- In what types of environments and areas would you like to extend 802.11ac?
- Have you considered upgrading your outdoor network to 802.11ac, but have been limited by price?
- How many devices do you have to support on your network? Do you have dense client environments?
- Do you have 802.11b/g/n client devices that use the 2.4 GHz band in your environment today?

SALES/REFERENCE MATERIALS

For the latest information and sales support materials, please visit the following resources:

Partner Central:
<https://partnercentral.zebra.com>

AP 7562 Product Home:
www.zebra.com/ap7562

Enterprise Mobility Services:
www.zebra.com/services

Learning Portal:
<http://learning.zebra.com>

Solution Builder:
<https://solutionbuilder.zebra.com>

Co-branding Wizard:
www.zebra.com/cobrandingwizard

Developer Tools:
www.zebra.com/software

For more information on how the AP 7562 can deliver superior Wi-Fi performance in all of your customer's outdoor spaces, please visit us on the web at:
www.zebra.com

COMPETITIVE COMPARISON: AT-A-GLANCE FIGHT SHEET

	ZEBRA	ARUBA		RUCKUS		AEROHIVE	MERAKI	CISCO
	AP 7562	AP 274	AP 275	T300	T301N	AP 1130	MR 72	AP 1572EAC
WIRELESS CHARACTERISTICS								
MIMO	3x3:3	3x3:3	3x3:3	2x2:2	2x2:2	2x2:2	2x2:2	4x4:3
Dual Radios: 2.4GHz 802.11b/g/n 5GHz 802.11a/n/ac	Yes	Yes	Yes	Yes	Yes	Yes	Tri-Radio, BLE radio	Yes
Data Rates: 2.4GHz 802.11b/g/n	600 Mbps	450 Mbps	450 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	450 Mbps
Data Rates: 5GHz 802.11a/n/ac	1.3 Gbps	1.3 Gbps	1.3 Gbps	867 Mbps	867 Mbps	867 Mbps	867 Mbps	1.3 Gbps
RUGGED SPECIFICATIONS								
Sealing	IP 67	IP 66	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
Operating Temp.	-40° C to +60° C	-40° C to +60° C	-40° C to +60° C	-20° C to +55° C	-20° C to +55° C	-40° C to +55° C	-40° C to +60° C	-40° C to +65° C
PHYSICAL CHARACTERISTICS								
Interfaces: Number of 10/100/1000 Ethernet Ports	Two	Two	Two	One	One	One	One	Two
Antennas	6 External	6 External	3 Internal omni	Internal	Internal	4 External	4 External	4 External
Power	802.3at 802.3af	802.3at	802.3at	802.3af	802.3af	802.3at	802.3at	40-90 VAC, 50/60 Hz
Power Option						DC powered 12 VDC input		
Weight	5.6 lbs.	6 lbs.	5.3 lbs.	2.1 lbs.	5.5 lbs.	4.3 lbs., 6.05 lbs. w/antennas and bracket	3.1 lbs.	13.5 lbs.
Dimensions	9.0 in. x 10.0 in. x 2.6 in.	9.0 in. x 9.4 in. x 7.5 in.	9.0 in. x 9.4 in. x 10.6 in.	7.0 in. x 5.9 in. x 3.4 in.	7.6 in. x 9.4 in. x 4.3 in.	9.6 in. x 7.9 in. x 3.0 in.	10.1 in. x 6.2 in. x 3.3 in.	11.8 in. x 7.9 in. x 6.3 in.
MSRP	\$1,595	\$1,595	\$1,995	\$1,295	\$1,495	\$1,399	\$1,599	\$4,495

ZEBRA GLOBAL SERVICES

SERVICE	DESCRIPTION	TIME OF PURCHASE	LENGTH OF COVERAGE	SERVICE PART NUMBER
Service from the Start Advance Exchange Support	<ul style="list-style-type: none"> • Advance replacement of devices requiring repair • Includes Comprehensive Coverage • Full access to technical support resources 	Up front with the hardware (prepaid) or within 30 days thereafter	Three years	SXB-AP7562-30
Advance Exchange Support	<ul style="list-style-type: none"> • Rights to download and use software releases and supporting documentation 	Any time	One year	AXB-AP7562-10
Service from the Start On Site System Support	<ul style="list-style-type: none"> • Fast response time: Field Service Representative responds on site next business day • Includes Comprehensive Coverage • Full access to technical support resources 	Up front with the hardware (prepaid) or within 30 days thereafter	Three years	SOB-AP7562-30
On Site System Support	<ul style="list-style-type: none"> • Rights to download and use software releases and supporting documentation 	Any time	One year	OSB-AP7562-10
WLAN Software Support	<ul style="list-style-type: none"> • Full access to technical support resources • Rights to download and use software releases and supporting documentation • Covers both the APs and the controller when the AP is purchased for use in dependant or adaptive mode 	Any time	One year	SWS-WLAN-AP-10
			Three years	SWS-WLAN-AP-30

