

Anybus Wireless Access Point IP67 with Mesh

Item number: AWB5142

The Anybus Wireless access points provide wireless connectivity at high data rates. Developed for indoor and outdoor industrial settings and with wireless mesh, the Anybus Wireless access points ensure a highly reliable network setup. This access point has an IP67-rated casing, providing protection against dust and water.



Provides high-speed wireless access for machines in industrial environments.

Features and benefits

- ✓ **High throughput**
Provides high-speed data transfer with concurrent dual-band support (2.4 GHz and 5 GHz), achieving up to 867 Mbit/s + 300 Mbit/s bandwidth for efficient connectivity.
- ✓ **Mesh connectivity**
Uses Qualcomm[®] Wi-Fi SON Technology for seamless mesh support. Provides self-healing auto-rerouting with multi-hop functionality, allowing up to 8 hops.
- ✓ **Streamlined power & communication**
Use a single cable for both power and communication with PoE (Power over Ethernet).
- ✓ **Perfect together!**
Compatible with the Anybus Wireless Bolt and the Anybus Wireless Bridge, enabling you to implement comprehensive wireless infrastructure.
- ✓ **IEEE 802.11ac compatibility**
Integrates into modern networks with IEEE 802.11ac Wave 2 compliance, while maintaining backward compatibility with 802.11a/b/g/n standards.
- ✓ **Industrial design**
Withstands harsh environments thanks to its IP67-rated enclosure, wide operating temperature range, and equipped with waterproof cable glands for protection against the elements.
- ✓ **Enhanced security and redundancy**
Safeguards your network with a built-in firewall, controlling inbound and outbound traffic. Uses 1:1 NAT and port forwarding for local traffic protection, ensuring robust security and redundancy.



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General

Net Weight (g)	2400
Packed Width (mm)	29
Packed Height (mm)	12
Packed Depth (mm)	40
Packed Weight (g)	3680
Operating Temperature °C Min	-40
Operating Temperature °C Max	70
Mounting	Pole mount
Housing Materials	Aluminium
Packaging Material	Cardboard
Warranty (years)	3 年

Identification and Status

Product ID	AWB5142
Successor	AWB5144
Country of Origin	Taiwan (Province of China)
HS Code	8517699000
Dual Usage	No

Physical Features

WAN Specification	1 x 10/100/1000MBase-T RJ45, auto negotiation, auto-MDI/MDIX
LAN Specification	1 x 10/100/1000MBase-T RJ45, auto negotiation, auto-MDI/MDIX
Contains Battery	No



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Wireless Features

Antenna Connector	N-type Female
Mesh	Qualcomm® Wi-Fi SON Technology

Certifications and Standards

Protection Class IP	IP67
Product Certifications	CE (RED/EMC) , CE, UL, FCC
Environment	EN 55035:2017 EN 61000-4-2:2009 EN 61000-4-3:2006 + A1:2008 + A2:2010 EN 61000-4-4:2012 EN 61000-4-5:2014 + A1:2017 EN 61000-4-6:2014 EN 61000-4-8:2010 EN 61000-4-11:2020 EN 55032:2015 + A11:2020 EN 61000-3-2:2019 EN 61000-3-3:2013 + AMD1:2017 EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.2 (Draft)
WEEE Category	IT and telecommunications equipment
Other Certification	EN 300 328 V2.2.2 EN 301 893 V2.1.1 EN 62368-1:2014 + A11:2017 EN 62311:2020