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
Export Control Classification Number (ECCN)	5A992.c

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

Wireless Features

Antenna Connector	N-type Female

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Wireless Features

Mesh	Qualcomm® Wi-Fi SON Technology

Certifications and Standards

Protection Class IP	IP67
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