Anybus Wireless Access Point WiFi-6 IP67

Item number: AWB5144

The Anybus Wireless access points provide wireless connectivity at high data rates. Developed for indoor and outdoor industrial settings, 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 1200 Mbit/s at 5 GHz and 574 Mbit/s at 2.4 GHz bandwidth for efficient connectivity.

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.

Perfect together!

The Anybus Wireless Access Points are tested and proved to be compatible with the Anybus Wireless Bolt and the Anybus Wireless Bridge products, enabling you to implement comprehensive wireless infrastructure.

IEEE 802.11ax compatibility

Integrates into modern WiFi networks with IEEE 802.11ax compliance, while maintaining backward compatibility with 802.11a/b/g/n/ac standards.

Streamlined power & communication

Use a single cable for both power and communication with PoE (Power over Ethernet).

Dual client operating mode

With the support for dual client operating mode, the device can act as a WiFi client to two separate wireless networks simultaneously.

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General

Net Width (mm)	269
Net Height (mm)	236
Net Depth (mm)	68
Net Weight (g)	2400
Packed Width (mm)	290
Packed Height (mm)	120
Packed Depth (mm)	400
Packed Weight (g)	3680
Operating Temperature °C Min	-40
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Input Voltage (V)	PoE 802.3af
Configuration	Built-in web-based configuration tool
Mounting	Wall mount, Pole mount
Housing Materials	Steel, Metal Housing

Identification and Status

Product ID	AWB5144
Country of Origin	Taiwan (Province of China)
HS Code	8517699000

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Identification and Status

Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	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
Contains Battery	No

Wireless Features

Antenna Connector	N-type Female
Antenna	Included
Wifi Standards	IEEE 802.11ax, compatible with 802.11ac/n/g/b/a Dual Band Dual Concurrent 2.4G+5GHz radio, up to 1200Mbps + 574Mbps Bandwidth Dual 2.4G+5GHz Radios consolidated in One Antenna Powered by Qualcomm® Wi-Fi 6 Technology with (MU-MIMO(Multi-User Multiple Input Multiple Output), OFDMA, Beamforming, BSS Coloring, optimizing network efficiency and performance. 802.11r Fast Roaming for seamless transitions between access points Autonomous performance optimization (802.11k) and Interference management via band steering (802.11v) for better AP selection
Wireless Security	WPA3 encryption ensuring user data security Firewall for inbound/outbound traffic OpenVPN Server/Client and Key Generation IPsec VPN for secure remote connection IPSec Performance >150Mbps @256-bit encryption HTTPs/SSH secure login Support TACACS+ multi-user authentication for privileged user management
Frequencies & Bands	2.4 GHz 5 GHz Dual Concurrent Band, 2.4GHz + 5GHz radio

Certifications and Standards

Protection Class IP	IP67
CE	Yes
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
RED	Yes