



Anybus Wireless Access Point Wi-Fi 6 IP30

Item number: AWB5143

The Anybus Wireless access point Wi-Fi IP30 provides wireless connectivity at high data rates. Developed for indoor and outdoor industrial settings and with support for Wi-Fi 6, it ensures a highly reliable network setup.



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 (5 GHz and 2.4 GHz), achieving up to 1200 Mbit/s + 573.5 Mbit/s bandwidth for efficient connectivity.

✓ Industrial design

This DIN-mountable Access Point is suitable for industrial environments with a wide operating temperature and input voltage range.

✓ 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.

✓ IEEE 802.11ax compatibility

Integrates into modern networks with IEEE 802.11ax (Wi-Fi 6) 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 support (IEEE 802.3af / 802.3at)

✓ Perfect together!

Compatible with the Anybus Wireless Bolt and the Anybus Wireless Bridge, enabling you to implement comprehensive wireless infrastructure.



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General

Net Width (mm)	40
Net Height (mm)	110
Net Depth (mm)	106
Net Weight (g)	660
Packed Weight (g)	660
Operating Temperature °C Min	-40
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Input Voltage (V)	Redundant 9.6-50 VDC terminal connector or PoE IEEE 802.3af / 802.3at
Power Connector	8-pole
Configuration	Built-in web-based configuration tool
Mounting	DIN rail mount (bracket included)
Housing Materials	Steel
Packaging Material	Cardboard
Warranty (years)	3

Identification and Status

Product ID	AWB5143
Predecessor	AWB5141
Country of Origin	Taiwan (Province of China)



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Identification and Status

HS Code	8517699000
Dual Usage	No

Physical Features

WAN Specification	Gigabit Ethernet LAN
LAN Specification	Gigabit Ethernet LAN
Contains Battery	No

Wireless Features

Antenna Connector	RP-SMA
Antenna	Not Included
Wifi Standards	Wifi 6 Access Points supporting 802.11a/b/g/n/ac/ax Data rates up to 1200 Mbit/sec Support for fast roaming 802.11k/v/r
Frequencies & Bands	2.4 GHz and 5 GHz

Certifications and Standards

Protection Class IP	IP30, IP40
Product Certifications	CE (RED/EMC) , CE
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