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
Export Control Classification Number (ECCN) (Applies only to the U.S)	5A992.c

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
CE	Yes
FCC	No
UL	No
cUL	No
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