

Anybus Wireless Access Point IP30 with Mesh

Item number: AWB5141

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.



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**
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.



Anybus Wireless Access Point IP30 with Mesh

General

Net Weight (g)	660
Packed Weight (g)	660
Operating Temperature °C Min	-40
Operating Temperature °C Max	70
Relative Humidity	5-95
Input Voltage (V)	10 - 60
Mounting	DIN rail mount (bracket included)
Housing Materials	Steel
Packaging Material	Cardboard
Warranty (years)	3 年

Identification and Status

Product ID	AWB5141
Country of Origin	Taiwan (Province of China)
HS Code	8517699000
Export Control Classification Number (ECCN)	5A992.c

Wireless Features

Antenna Connector	RP-SMA
Mesh	Qualcomm® Wi-Fi SON Technology

Certifications and Standards

Protection Class IP	IP30
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



Anybus Wireless Access Point IP30 with Mesh

Certifications and Standards

Other Certification	EN 300 328 V2.2.2 EN 301 893 V2.1.1 EN 62368-1:2014 + A11:2017 EN 62311:2020
---------------------	--