Infrastructure product

Anybus Wireless Access Point IP30 with Mesh

The Anybus Wireless LAN access points provide you with wireless connectivity at high data rates. Developed for indoor and outdoor industrial settings and with wireless mesh, the Anybus Wireless LAN access points ensure a highly reliable network setup.

FEATURES & BENEFITS

HIGH THROUGHPUT WIRELESS PERFORMANCE

- Concurrent dual-band 2.4 GHz and 5 GHz WLAN, up to 867 Mbit/s + 300 Mbit/s bandwidth
- IEEE 802.11ac Wave 2 compliant, backward compatible with 802.11a/b/g/n

MESH SUPPORT

- Based on Qualcomm® Wi-Fi SON Technology
- Self-healing auto-rerouting through multi-hop (up to 8 hops)

RUGGED DESIGN FOR INDUSTRIAL APPLICATIONS

- Rugged design with IP30 or IP67 classed housing
- Waterproof cable glands for IP67 housing
- Effective heat dissipation design for operations in -40 to 70oC environments
- Support for Power over Ethernet, IEEE 802.3af

ENHANCED SECURITY AND REDUNDANCY

- Firewall for inbound/outbound traffic
- 1:1 NAT, port forwarding for local traffic protection
- Works seamlessly with the Anybus Wireless Bridge and Bolt

CERTIFICATIONS & APPROVALS

Europe	CE
North America	FCC, UL
Australia*	
Japan*	

* Pending Approval

Ethernet	

	LAN: 1 x 10/100/1000MBase-T RJ45, auto negotiation, auto-MDI/MDIX WAN: 1 x 10/100/1000MBase-T RJ45, auto negotiation, auto-MDI/MDIX
Antenna connector	2 x RP-SMA Female
Operating Temperature	-40 to 70 oC, 5 to 95 % RH non-condensing
WLAN standards	IEEE 802.11ac Wave 2 compliant, backward compatible with 802.11a/b/g/n 2.4 GHz / 5 GHz: 2T2R MU-MIMO DBDC (Dual-band dual-concurrent)
Data rates	802.11ac: MCS 0-9, max. 867 Mbit/s 802.11b: 11Mbit/s, 802.11a/g: 54 Mbit/s, 802.11n: MCS 0-15, max. 300 Mbit/s
Mesh	Qualcomm® Wi-Fi SON Technology
USB	-
Power supply	10 - 60 VDC (terminal block) or IEEE 802.3af (48 VDC PoE, Max 11.5W)
Weight	660 g
Housing material	Metal
IP class	IP30
Dimensions	110 x 106 x 40 mm without DIN rail clip
Mounting	DIN rail mount
Configuration	CGI WebGUI, Command Line Interface (CLI), SNMP, Telnet
Security	TLS v1.2, HTTPs/SSH, First login password management WLAN AP Security: WPA/WPA2-PSK, WPA/WPA2 Enterprise DMZ, IP/Port Filter NAT: 1-1 NAT, NAPT(SNAT/DNAT), Port forwarding VPN: IPSec, OpenVPN, L2TP, GRE
Traffic management	Flow control, Traffic shaping
Network management	IPv4, SNMP v1/v2c/v3, DHCP server/client, SysLog, DDNS, DHCP relay, TFTP, SMTP, ARP response over 802.2 LLC SNAP, Proxy ARP, DNS client/proxy
Standards	CE Radio: RED Compliance CE Safety: IEC/EN60950-1,EN 55032, EN55035, EN51000-3-2, EN61000-3-3, EN301489-1/17, EN300328, EN301893, EN300400, N62311MPE FCC part 15B Class A
Product parts included	1 x access point with DIN rail clip AWB5141: Antennas **NOT** included

Ordering Information

Order Code	AWB5141
Included components	Accesspoint
Accessories	1.04.0085.00000: Magnetic antenna foot with 1,5 m cableRP-SMA 1.04.0085.00003: Screw-mount antenna base with 1,5 m cableRP-SMA ABE02101: Straight, Dual band WiFi Antenna RP-SMA

| | ABE02012: Folding, Wi-Fi antenna, RP-SMA |
| | ABE02102: Screw mount Dual-Band Wi-Fi Antenna, IP67, 1,5m, RP-SMA |

3 year guarantee. For purchasing instructions and terms and conditions, see: How to buy