Anybus®
BY HMS NETWORKS

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 and 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)

Available Accessories
- 1.04.0085.00000: Magnetic antenna foot with 1.5 m cable and RPSMA connector, excl. antenna
- 1.04.0085.00003: Screw-mount antenna base with 2 m cable and RP-SMA connector, excl. antenna

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
- Supports TACACS+ multi-user authentication for privileged user management
- Works seamlessly with the Anybus Wireless Bridge and Bolt

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TECHNICAL SPECIFICATIONS

Order codes	**AWB5141**: WLAN AP, IP30, with mesh	**AWB5142**: WLAN AP, IP67, with mesh
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	2 x N-type 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	-	Reserved for future use
Power supply	12 VDC (terminal block) or IEEE 802.3af (48 VDC PoE)	IEEE 802.3af (48 VDC PoE)
Weight	660 g	2 400 g
Housing material	Steel	
IP class	IP30	IP67
Dimensions	110 x 106 x 40 mm without DIN rail clip	269 x 239 x 68 mm without mounting bracket
Mounting	DIN rail clip	Pole/wall mount
Configuration	CGI WebGUI, Command Line Interface (CLI), SNMP, Telnet	
Security	IEEE 802.1X/RADIUS, TLS v1.2, HTTPs/SSH, First login password management, TACACS+, Multi-user authentication WLAN AP Security: WPA/WPA2-PSK, WPA/WPA2 Enterprise Firewall: Stateful Inspection firewall, 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	
Certifications	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	1 x access point with pole/wall mount and 2x antennas

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