

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<sup>®</sup> 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 70°C 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

## TECHNICAL SPECIFICATIONS

<b>Order codes</b>	<b>AWB5141:</b> WLAN AP, IP30, with mesh	<b>AWB5142:</b> WLAN AP, IP67, with mesh
<b>Ethernet</b>	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	
<b>Antenna connector</b>	2 x RP-SMA Female	2 x N-type female
<b>Operating temperature</b>	-40 to 70 °C, 5 to 95 % RH non-condensing	
<b>WLAN standards</b>	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)	
<b>Data rates</b>	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	
<b>Mesh</b>	Qualcomm® Wi-Fi SON Technology	
<b>USB</b>	-	Reserved for future use
<b>Power supply</b>	12 VDC (terminal block) or IEEE 802.3af (48 VDC PoE)	IEEE 802.3af (48 VDC PoE)
<b>Weight</b>	660 g	2 400 g
<b>Housing material</b>	Steel	
<b>IP class</b>	IP30	IP67
<b>Dimensions</b>	110 x 106 x 40 mm without DIN rail clip	269 x 239 x 68 mm without mounting bracket
<b>Mounting</b>	DIN rail clip	Pole/wall mount
<b>Configuration</b>	CGI WebGUI, Command Line Interface (CLI), SNMP, Telnet	
<b>Security</b>	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	
<b>Traffic management</b>	Flow control, Traffic shaping	
<b>Network management</b>	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	
<b>Certifications</b>	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	
<b>Product parts included</b>	1 x access point with DIN rail clip	1 x access point with pole/wall mount and 2x antennas