



## 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.



### 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 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
- Works seamlessly with the Anybus Wireless Bridge and Bolt

Order codes		
AWB5141: WLAN AP, IP30, with mesh		AWB5142: WLAN AP, IP30, 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	

<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, Max 11.5W)	IEEE 802.3af (48 VDC PoE, Max 11.5W)
<b>Weight</b>	660 g	2 400 g
<b>Housing material</b>	Metal	
<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 mount	Pole/wall/ mount
<b>Configuration</b>	CGI WebGUI, Command Line Interface (CLI), SNMP, Telnet	
<b>Security</b>	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	
<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>Standards</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 AWB5141: Antennas <b>NOT</b> included	1 x access point with pole mount AWB5142: 2 x antennas included

## Ordering Information

### ORDER CODE(S):

**AWB5141** - WLAN AP, IP30, with mesh

**AWB5142** - WLAN AP, IP67, with mesh

**WARRANTY:** 3 years

For purchasing instructions and terms and conditions, see → [how to buy](#)