



## Infrastructure product

# Anybus Wireless Router WLAN

The Anybus Wireless Routers are ideal to provide your industry with high-speed WLAN connectivity. Advanced routing functionality allows you to segment your network and protect mission critical data. An extensive range of redundancy technologies ensures uninterrupted operations.



### FEATURES & BENEFITS

#### HIGH THROUGHPUT WIRELESS PERFORMANCE

- Dual radio, 2.4 GHz or 5 GHz WLAN for local coverage, up to 866 Mbit/s
- IEEE 802.11ac compliant & backward compatible with 802.11a/b/g/n

#### ETHERNET ROUTING SWITCH

- 8 Fast Ethernet LAN ports
- 1 Gigabit Ethernet WAN port
- IEEE 802.1p QoS/802.1Q VLAN priority tagging
- RIPv2
- Traffic control

#### ENHANCED SECURITY AND REDUNDANCY FOR CRITICAL APPLICATIONS

- Firewall for traffic classification, port forwarding
- VRRP (Virtual Routing Redundancy Protocol).
- GRE (Generic Routing Encapsulation RFC2784)
- Supports NAT, DMZ for LAN protection
- Supports IPsec, OpenVPN and L2TP for secure connection

#### RUGGED DESIGN

- Effective heat dissipation design for operating in -40 to 75°C environments
- Railway EMC: EN50121-4 compliance
- IEC61000-6-2/IEC61000-6-4 heavy industrial EMC
- Vehicle: E-mark compliance
- Radio RED for CE Marking
- Emission: FCC part 15 B Class A

#### MANAGEMENT FEATURES

- Various configuration paths, including WebGUI, CLI and SNMP
- Diagnostic tools, including LED, Ping/Traceroute, SNMP Trap, E-mail Alert and Syslog
- External backup/restore, Firmware update

## CERTIFICATIONS & APPROVALS

Europe	CE
North America	FCC, UL
Australia	
Japan	
Turkey	

<b>Ethernet ports</b>	LAN: 8 x 100 Mbit/s RJ45, auto negotiation, auto MDI/MDI-X WAN: 1 x 1 Gbit/s RJ45, auto negotiation, auto MDI/MDI-X
<b>USB</b>	1 x USB type A
<b>Operating temp.</b>	-40°C-75°C, 5-95 % non-condensing
<b>Data speeds</b>	802.11ac: MCS 0-9, max. 866 Mbit/s 802.11b: 11 Mbit/s 802.11a/g: 54 Mbit/s 802.11n: MCS 0-15, max. 300 Mbit/s
<b>Power</b>	8-32 VDC (max. 4.8 W) 4-pin removable terminal block connector 2-pin for power input 2-pin for dry relay output (max 0.5 A/24 VDC)
<b>Weight</b>	1 400 g
<b>Housing material</b>	Steel/aluminum
<b>Ingress protection</b>	IP31
<b>Dimensions</b>	200 x 126 x 51 mm (without DIN rail clip)
<b>Mounting</b>	Panel mount or DIN rail mount (bracket included)
<b>Configuration</b>	CGI WebGUI, SSH, Telnet, SNMP

File	Version	Size	Read online
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## Ordering Information

<b>Order Code</b>	AWB5121
<b>Included components</b>	Router
<b>Accessories</b>	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](#)