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	

Ethernet ports	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
USB	1 x USB type A
Operating temp.	-40°C-75°C, 5-95 % non-condensing
Data speeds	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
Power	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)

Weight	1 400 g
Housing material	Steel/aluminum
Ingress protection	IP31
Dimensions	200 x 126 x 51 mm (without DIN rail clip)
Mounting	Panel mount or DIN rail mount (bracket included)
Configuration	CGI WebGUI, SSH, Telnet, SNMP

Ordering Information

Order Code	AWB5121
Included components	Router
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