



Infrastructure product

Anybus Wireless Router LTE - Global

The Anybus Wireless Routers are ideal to provide your industry with high-speed LTE 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

- LTE Cat.4 modem 2x2 MIMO, 150 Mbit/s downlink and 50 Mbit/s uplink
- 4G/3G/2G full cellular network compatibility

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
Australia
Japan
Turkey

FCC, UL

TECHNICAL SPECIFICATIONS

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
Cellular standards	LTE cat.4 2x2 MIMO, 4G/3G/2G fall back LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28 LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B6/B8/B19
Data speeds	LTE-FDD: DL: max. 150 Mbit/s, UL: max. 50 Mbit/s LTE-TDD: DL: max. 130 Mbit/s, UL: max. 35 Mbit/s HSPA: DL: max. 42 Mbit/s, UL: max. 5.76 Mbit/s EDGE: DL: max. 236.8 kbit/s, UL: max. 236.8 kbit/s GPRS: DL: max. 85.6 kbit/s, UL: max. 85.6 kbit/s
GNSS	GPS GLONASS Galileo BeiDou
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

File	Version	Size	Read online
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Ordering Information

Order Code	AWB5221
Included components	Router 1 x DIN-rail mounting bracket (No antennas included).
Accessories	ABE02004: Antenna 4G/3G/2G Magnetic Mount ABE02005: Antenna 4G/3G/2G - EXTENSION CABLE 3m

ABE02006: Antenna 4G/3G/2G - EXTENSION CABLE 5m
ABE02007: Antenna 4G/3G/2G - EXTENSION CABLE 10m
ABE02008: Antenna 4G/3G/2G Stub
ABE02009: Antenna 4G/3G/2G - Hole Mounted with 1m Cable
ABE02010: Antenna 4G/3G/2G & GPS with 1.5m cable
ABE02011: Antenna 4G/3G/2G Wall Mount with 5m Cable

3 year guarantee. For purchasing instructions and terms and conditions, see: [How to buy](#).

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