



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 & CAPABILITIES

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

TECHNICAL SPECIFICATIONS

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|------------------------|--|
| 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 |
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|--------------------|--|
| 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 |

CERTIFICATIONS & APPROVALS

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| Europe |
| CE |
| North America |
| FCC*, UL* |
| Australia* |
| China* |
| India* |
| Japan* |
| Turkey* |

* Pending approval

ORDERING INFORMATION

ORDER CODE: AWB5221

INCLUDED COMPONENTS:

1 x DIN-rail mounting bracket.

(No antennas included)

WARRANTY: 3 years

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

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