

Unitronics 4G Routers

LTE & WiFi Industrial Cellular Routers

New 4G/LTE & WiFi cellular Routers support embedded SMS functionality, RS232, RS485, GNSS (GPS), Micro-SD, USB interface, and on-board Digital & Analog I/Os.

Hardware Configuration Models:

UCR-ST-B5

4G LTE & WiFi cellular router with 2 Ethernet ports and Digital I/O.



UCR-ST-B8

Dual-SIM 4G LTE & WiFi cellular router with 4 Ethernet ports. Digital & Analog I/Os, RS232, RS485, GNSS (GPS), microSD & USB interface.



→ Unitronics' new UCR Routers integration with UniStream™ series allow easy SMS control - Sending and receiving SMS messages via Ethernet.

Accessories:

UCR-OP-B5-DIN - UCR B5/B8 DIN RAIL KIT

- ✓ Secure
- ✓ Easy to Use
- ✓ Rich Features
- ✓ High Performance
- ✓ Remote Monitoring & Control
- ✓ Suitable for Multiple Sectors
- ✓ Flexible
- ✓ Embedded Firewall
- ✓ Multiple VPN Options
- ✓ Compact & Low Weight
- ✓ Immediate Product Supply
- ✓ Supporting Various Encryption Protocols

UCR-ST-B5 4G LTE & WiFi cellular router with 2 Ethernet ports and I/O



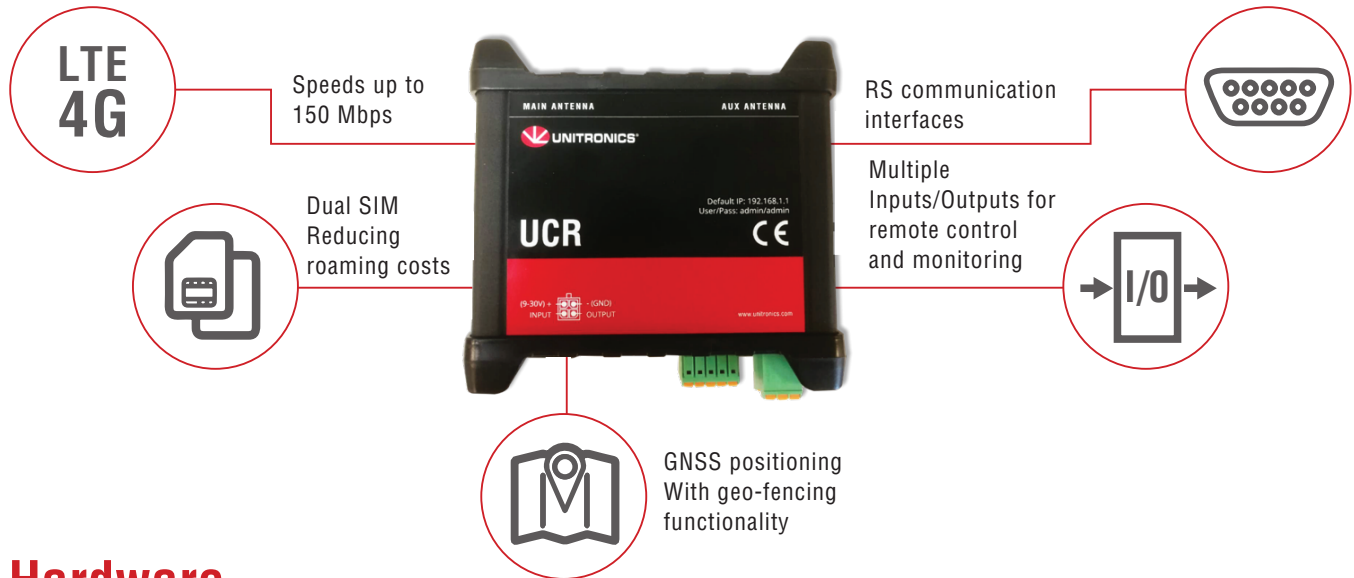
Hardware

| | |
|------------------------------|--|
| Mobile | 4G (LTE) Cat 4 DL up to 150 Mbps, UL up to 50 Mbps; DC HSPA+; UMTS; TD SCDMA; EDGE; GPRS |
| CPU | Atheros Hornet, MIPS 24 Kc, 400 MHz |
| Memory | 16 MB Flash, 64 MB DDR 2 RAM |
| Ethernet | 2x 10 100 Ethernet ports: 1 x WAN (configurable as LAN), 1 x LAN |
| Power Supply | 9 - 30 VDC, 4 pin DC connector |
| PoE (passive) | Passive PoE over spare pairs (available from HW revision 0007 and batch number 0010). Possibility to power up through LAN port, not compatible with IEEE 802.3 af and 802.3 at |
| Inputs/Outputs | 1x Digital Input, 1 x Digital Open Collector Output on power connector |
| Connectors | 1x 4 pin DC, 2 x Ethernet, 2 x Mobile SMA, 1 x WiFi RP SMA |
| SIM | 1x external SIM holder |
| Status LEDs | 2x connection type status, 5 x connection strength, 2 x LAN status, 1 x Power |
| Operating Temperature | -40 C to 75 C |
| Housing | Aluminum housing, plastic panels |
| Dimensions | 83mm x 74 mm x 25 mm |
| Weight | 125 g |

Unitronics Software Features

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| Dynamic DNS |
| Multiple VPN Protocols |
| Wireless Access Point and Wireless Client |
| Firewall |
| I/O Control |
| MQTT Broker |
| Modbus TCP and Modbus RTU |
| NTP Server |

UCR-ST-B8 Dual-SIM 4G LTE & WiFi cellular router with 4 Ethernet ports



Hardware

| | |
|------------------------------|--|
| Mobile | 4G (LTE) Cat 4 DL up to 150 Mbps, UL up to 50 Mbps; DC HSPA+; UMTS; TD SCDMA; EDGE;GPRS |
| CPU | Atheros Wasp, MIPS 74 Kc, 550 MHz |
| Memory | 16MB Flash, 128 MB DDR 2 RAM |
| Ethernet | 4x 10 100 Ethernet ports: 1 x WAN (configurable as LAN), 3 x LAN ports |
| Power Supply | 9 - 30 VDC, 4 pin DC connector |
| PoE (passive) | Passive PoE over spare pairs (available from HW revision 0007 and batch number 0010). Possibility to power up through LAN port, not compatible with IEEE 802.3 af and 802.3 at |
| Inputs/Outputs | 3x Inputs (Digital, Digital galvanically isolated, Analog) + 1 x Digital Input on power connector |
| Connectors | 1x 4 pin DC, 4 x Ethernet, 2 x Mobile SMA, 2 x WiFi RP SMA, 1 x GPS SMA, 1 x RS 232, 1 x 6 pin |
| Memory Cards | microSD, Hinge Type slot |
| SIM | 2x external SIM holders |
| Status LEDs | 1x bi color connection status, 5 x connection strength, 4 x LAN status, 1 x Power |
| Operating Temperature | -40 C to 75 C |
| Housing | Aluminum housing, plastic panels |
| Dimensions | 100mm x 110 mm x 50 mm |
| Weight | 287 g |

Unitronics Software Features

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|--|
| Dynamic DNS |
| Multiple VPN Protocols |
| Wireless Access Point and Wireless Client |
| GPS Geo-fencing |
| Firewall |
| I/O Control |
| MQTT Broker |
| Modbus TCP and Modbus RTU |
| NTP Server |