

ReliaGATE 50-21

- Integrated 2G/3G Cellular
- Wi-Fi, GPS and Zigbee Options
- Protected Wide Power Range
- Programmable & Cloud Ready
- Over-The-Air Configurable
- 1U 19" Rack Mountable Option
- Easy to Configure GUI



FEATURES

Industrial – Extended temperature operation and protected power supply give ReliaGATE 50-21 industrial strength.

Connected – With integrated support for Cellular, Wi-Fi, GPS and 802.15.4/Zigbee, ReliaGATE 50-21 provides a powerful combination of interfaces for a broad range of communication connectivity applications.

M2M and IoT (Internet of Things) Ready - Ideally suited for M2M applications to connect sensors, actuators and devices to the business enterprise.

Ready to Deploy - Includes a powerful network routing software application that provides simple web based configuration tool to deploy for M2M and network applications.

Programmable - Program the device quickly and simply using the Everyware™ Software Framework (ESF) and its plug-ins.

Cloud Ready - Enjoy the benefits of the Everyware™ Device Cloud (EDC) end-to end solution by collecting, controlling, transporting, and analyzing data from the field, regardless of how big your domain is; whether it is a building, a campus, a city, a country or the world.

The ReliaGATE 50-21 is a ready-to-deploy industrial grade smart device that enables communications, computation power, simplified application deployment and M2M platform integration for fast creation of M2M services.

The ReliaGATE 50-21 provides a flexible communication architecture that includes 2G/3G cellular, Wi-Fi, 802.15.4/Zigbee and GPS interfaces. It offers connectivity to a wide range of sensors and edge devices and makes it easy to deliver the data to business applications. The ReliaGATE 50-21 also includes interfaces for wired connectivity such as Dual Gigabit Ethernet, up to four serial ports, Dual CAN interfaces and analog and isolated digital I/O.

The ReliaGATE 50-21 can be programmed with the Everyware™ Software Framework (ESF), a portable, high level set of APIs and plug-ins that greatly simplify and speed up the development; for instance, ESF provides the MQTT plug-in, a highly efficient and robust M2M transmission protocol.

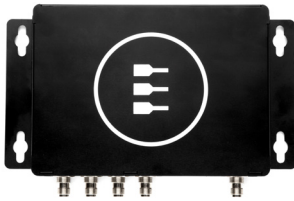
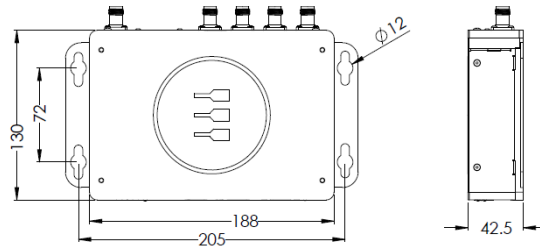
The ReliaGATE 50-21 is simple to manage and delivers out of the box connectivity and intuitive configuration of the routing parameters thanks to a web GUI and over-the-air options.

The ReliaGATE 50-21 is compatible with Eurotech's Everyware™ Device Cloud (EDC), the end-to end solution to bring data from the field into the business applications, through a flexible and scalable infrastructure and a number of cloud-based services.

ReliaGATE 50-21

Specifications

Multi-Service Gateway & Edge Controller



| | |
|------------------------|---|
| CPU | Intel Atom Z510P, 1.1GHz |
| MEMORY | Up to 32 GB Flash with Compact Flash socket 512MB DRAM SODIMM (Support up to 2 GB DRAM) |
| WIRELESS | GPS – 50 channel receiver Wi-Fi – 802.11 a/b/g/n – Access Point & Client Cellular <ul style="list-style-type: none"> • Telit HE910 (UMTS/HSPA+) • Telit DE910 (CDMA/EvDO) • Telit GE910 (2G GSM/GPRS) 802.15.4 / Zigbee Support for Zigbee Pro Stack & NXP JenNet networking |
| INTERFACE | USB 4x USB 2.0 ports Ethernet 2x Gigabit Ethernet ports Serial 2x RS232/RS485/RS422 2x RS232/TTL (optional) CAN 2x CANBus Display 1x VGA Inputs 4x Isolated Digital Input 2x Analog Inputs Outputs 2x Isolated Digital Outputs |
| ROUTING | Static Routes DHCP DNS Client Firewalling Security AES, 3DES, SSH, IPsec NAT (Network Address Translation) Terminal Server & Client Port Forwarding |
| POWER SUPPLY | 9 to 36 VDC (Nominal 12) with transient protection |
| POWER CONSUMPTION | 8 W Typical |
| OS SUPPORT | Wind River Linux |
| ESF READY | Yes |
| EDC READY | Yes |
| DIMENSIONS | 7.41" x 5.2" x 1.7" / 188 x 130 x 42.5 mm (L x W x H) w/o mounting brackets |
| OPERATING TEMPERATURE | Extended Temp -20° to 60°C Industrial Temp -40° to 85°C (options) |
| STORAGE TEMPERATURE | -40° to +85°C |
| HUMIDITY | 95% relative humidity at +45°C non condensing |
| COMPLIANCE | CE, FCC, UL Equivalent |
| CARRIER CERTIFICATIONS | Verizon AT&T Sprint T-Mobile |

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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