G-router

RE.40.QGSM

THE FUTURE IS HERE. IT'S JUST NOT DISTRIBUTED YET

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Universal GSM/GPRS M2M Terminal

The G-router is a universal GSM/GPRS machine to machine terminal. The G-router is a robust unit with integrated GPRS and Quad band GSM functionality based on the Linux operating system. It allows your products to immediately offer the full benefits of GPRS technology, such as permanent online connections plus cost-efficient, high-speed data transmission. The unit features a low power relay for remote control of devices. With the additional single port remote power switch (RE.99.R1Nx) external high power equipment can be remotely controlled.

Features

- ✓ 2x 10/100 Base-T Ethernet ports
- ✓ RS-232 serial interface
- ✓ Relay contact for remote power cycling of equipment
- ✓ Quad Band GSM interface (850/900/1800/1900MHz)
- ✓ Supports: GPRS, CSD Data/Fax, SMS
- ✓ Remotely configurable and software upgradeable
- ✓ Complies With EMI/RFI Regulations
- ✓ CE, RoHS and WEEE Compliant
- ✓ Black, Flame retardant ABS plastic enclosure
- ✓ 1 Year Warranty

Applications

- Stand-alone network - where equipment can be remotely accessed without needing to use the end customers LAN e.g. security surveillance camera's, access control, and electronics displays. Examples extend to PC's located within the end customer site, which are running applications e.g. for Postal and Courier service companies.

- Remote Isolated equipment - where there is no LAN infrastructure e.g. passenger information systems, traffics systems, security surveillance and industrial automation.

- Leased Equipment - where equipment is regularly re-located e.g. generators, chillers, compressors, industrial plant hire, and heating equipment.

- Network Back-up - where a secondary remote access route is required if the there is a failure through the customers WAN connection e.g. Fiber network connections, Building automation systems, Epos systems, CHP systems, generators and UPS.

- Mobile Equipment - where it is not possible to create a wired WAN connection e.g. transportation such as rail and taxi's where PC's, cameras, HVAC, EPOS systems and other assets can be networked to the outside world.

Connectors

Power Connector	DC Power jack 2.5mm
Relay (normal open and closed)	1x RJ-11
RS-232	9-pins sub-D male
Ethernet connectors	2x RJ-45
Antenna connector	RP-TNC

Power Requirements

Power Jack	24VDC…48VDC, 15Watt max.
Power over Ethernet	38VDC…56VDC, 15Watt max.

Unit ships standard with 3G antenna and universal 20Watt PoE power supply

Environmental

Operating Temperature	0º to 40ºC with no derating
Storage Temperature	-30º to +85ºC
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

Mechanical

Case Dimensions	234L x 134W x 43H (mm)
Case Material	Black, Flame retardant ABS plastic UL94V-0
Weight	20 Ounces, 550 grams

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CE RoHS