

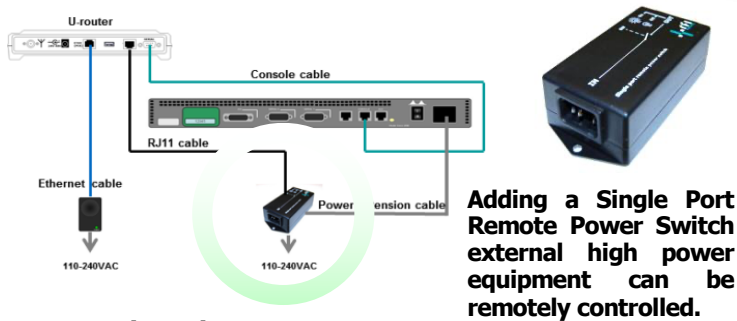
Network Monitoring and Security Solution Manages and controls devices remotely using 3G, 2G and GPRS cellular networks

Model: RE.41.QGFU | Region: Asia-Pacific

The U-router is a universal high-speed wireless M2M data router. The U-router supports 5-band UMTS/HSDPA functionality and provides backward compatibility to existing EDGE and GSM/GPRS based networks. By leveraging its high speed ports customers can offer solutions for various networking applications. The carrier-grade U-router features a low power relay for remote control of devices. With the additional single port remote power switch external high power equipment can be remotely controlled. Data can be transmitted in "Push" or "Pull" mode, stored and aggregated along preset criteria.

Out-of-band Management

- Improve response times and customer service
- Improve Service Level Agreement performance
- Reduce support costs and field service visits
- Reduce dependency on third parties
- Increase SLA differentiation from competitors
- Increase return on expensive support employees



Network Back-up

- Where a secondary remote access route is required, in case of a fault in the WAN/LAN connection e.g fiber access, smart building systems, EPOS, UPS etc.

Electric Mobility

- Electric charging stations may be equipped with data equipment for invoicing and battery monitoring.

Mobile Health

- Data communication is key for the deployment of mobile health applications
Wireless data communication is the smartest way for patient monitoring



*for software, documentation and more visit:
<https://www.rfi-engineering.com/index.php/u-router>



www.rfi-engineering.com/purchase

Radio Capabilities

Five Bands UMTS (WCDMA/FDD) Bands: 800, 850, 900, 1900 and 2100 MHz

Quad-Band GSM Bands: 850, 900, 1800 and 1900 MHz

Connectors

Power Connector	DC Power jack 2.1mm
Relay (normal open)	1x RJ-11
RS-232	9-pins sub-D male
USB	2.0 (max. bandwidth of 480 Mbit/s)
Ethernet connectors	1x RJ-45
Antenna connector	RP-TNC

Power Requirements

Power Jack	12VDC...48VDC, 15Watt max.
Power over Ethernet (passive)	38VDC...56VDC, 15Watt max.
Unit ships standard with 3G antenna and universal 20Watt PoE power supply	

Environmental

Operating Temperature	-10° to 40°C with no derating
Storage Temperature	-30° to +85°C
Relative Humidity	5% to 95% non-condensing
Cooling	Convectonal - non vented case

Mechanical

Case Dimensions	234L x 134W x 43H (mm)
Case Material	Black, Flame retardant ABS plastic UL94V-0
Weight	14 Ounces, 400 grams

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