19″/2® 3G Gateway RM601

Though exterior, Intelligent interior

The 19″/2® 3G Gateway RM601 is a secure Ethernet gateway, with remote configuration and troubleshooting Capabilities. With simple installation and configuration requirements, the RM601 is designed to handle robust, fixed and portable applications requiring broadband communication speeds and bandwidth. Furthermore, its routing features, like NAT and Port Forwarding, enables the RM601 to be connected to a switch for a routing solution.

Built to take a beating
Its is designed to withstand the harshest conditions over the long haul. It features aluminium casing, rugged connectors and will operate down to -40 °C. Our products always come with a lifetime support to ensure your equipment maintains peak performance for many missions to come. We also serve units and stock spare parts for 5 years end-of-life.
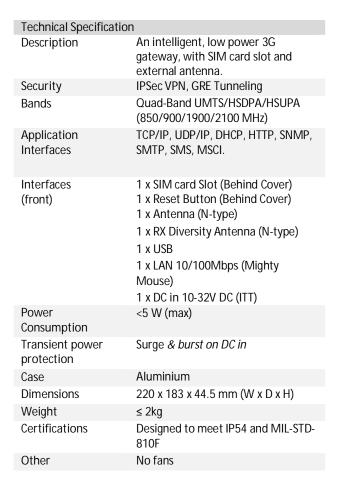
Mounting
All 19″/2 units can be mounted together in several different ways
- One 19″/2 unit can be mounted in a 19″ rack
- Two 19″/2 units can be mounted together in a 19″ rack
- Two or more devices can also be stacked on top of each

19"/2® 3G Router
RM601

Technical Specification

Description	An intelligent, low power 3G gateway, with SIM card slot and external antenna.
Security	IPSec VPN, GRE Tunneling
Bands	Quad-Band UMTS/HSDPA/HSUPA (850/900/1900/2100 MHz)
Application Interfaces	TCP/IP, UDP/IP, DHCP, HTTP, SNMP, SMTP, SMS, MSCI.
Interfaces (front)	1 x SIM card Slot (Behind Cover) 1 x Reset Button (Behind Cover) 1 x Antenna (N-type) 1 x RX Diversity Antenna (N-type) 1 x USB 1 x LAN 10/100Mbps (Mighty Mouse) 1 x DC in 10-32V DC (ITT)
Power Consumption	<5 W (max)
Transient power protection	Surge *& burst on DC in*
Case	Aluminium
Dimensions	220 x 183 x 44.5 mm (W x D x H)
Weight	≤ 2kg
Certifications	Designed to meet IP54 and MIL-STD-810F
Other	No fans

Designed to meet:

MIL-STD-810F	Operating	Storage
Altitude Method 500.4, *(procedure II,III)*	4572 m (15000 ft)	Rapid decompression 12180 m (40000 ft)
Humidity Method 507.4	Five 48 h test cycles	-
Shock Method 516.5, *(procedure I, IV)*	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
Salt fog Method 509.4, *(Procedure I)*	-	Salt concentration of 5% +-1% (48 h wet +48 h dry/cycle)
Temperature Method 501.4 & Method 502.4, *(procedure I, II)*	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Temperature shock Method 503.4 (procedure I)	-40 °C to +55 °C (-40 °F to +131 °F)	-
Vibration Method 514.5		
- *Category 2*	-	√
- *Category 14*	√	-
- *Category 20 a & b*	√	-

* Only with optional Peli Case

mildef

www.mildef.com