

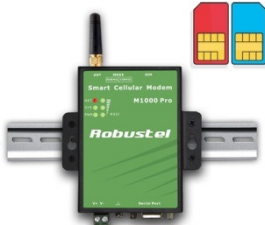



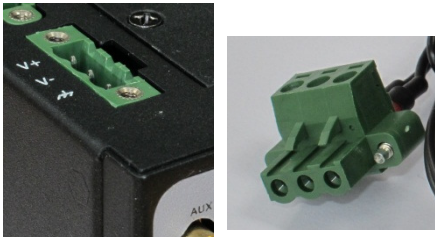
Accessories for Robustel Modems, Gateways and Routers

Welcome to our range of accessories for the Robustel 'Go-Rugged' industrial communications devices.

Information regarding the Robustel Modems, Gateways and Routers is available at www.acte-uk.com

Power supplies and power connectors

'Go-Rugged' devices feature either a two-way or three-way power supply input socket. A matching power-input plug is supplied with each device. These are terminal-block type with screws to secure wire or pins.

Robustel Device	Power connector	Power Supply Unit
 <p>All 'M1000' products</p>	 <p>2-way pluggable terminal block</p>	<p>For all devices: D.C. output power cable terminated with individual pins.</p>  <p>Supplied with a 3-way terminal block DC. Plug, wired for R3000 units.</p> <p>3-Way plug can easily be converted to 2-way version for all M1000 devices</p>
 <p>All 'R3000' products</p>	 <p>3-way pluggable terminal block</p>	

ACTE Part Numbers:

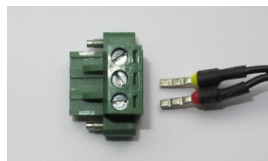
- ROB Power Supply** - Standard UK 3-Pin Plug version
 - ROB Power Supply EU** - Standard European 2-pin Plug version
 - ROB Power Supply WW** - Complete with UK, EU 2-pin, USA 2-Pin & Australia 2-Pin adaptors
- Other formats are available - please contact ACTE UK

Input voltage range: 100 to 240v ac. Output voltage rated at 12v @ 1.5A suitable for all 'Go-Rugged' units.

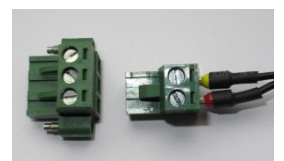
All Mains adapter PSUs are supplied with a 3-way Terminal Block connector, wired for Robustel R3000 Routers. Converting this to a 2-way connector for the M1000 series requires only a screwdriver.



Loosen two screws & remove plug.



Insert pins into two-way plug & tighten screws. Note: POLARITY AS SHOWN












ACTE offer many types of antenna suitable for use with Robustel products.

The antenna connector on all Robustel 'Go-Rugged' products is an SMA (female) type.

Antenna selection depends upon the particular device and type of installation. Any site or mounting limitations need to be taken into account, as do any requirements for access and reception of radio signals.

The following table highlights regularly specified products with part numbers which define an SMA-Male connector suitable for 'Go-Rugged' devices. Variations of these and other antennas are available. Contact us to discuss any specific requirements and suitable solutions we have available.

Suggested Antenna Options

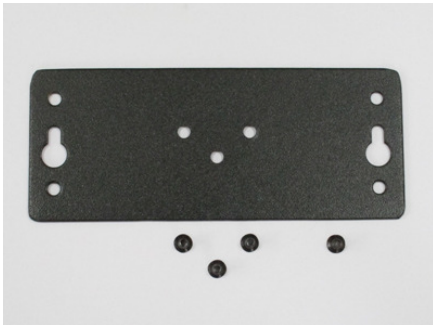
Models & antenna requirements	Direct on-unit mounting	Magnetic mount	Glass, Wall & External mount	External Wall / Pole mounted
M1000 – All Versions except M1000 USB-3G/HSPA & 4G/LTE R3000 GPRS & EDGE Single 2G antenna	 Straight Stubby ACTE P/N: FTAQ35186-SM-ST	 2G/3G with 3 meters coaxial cable ACTE P/N: 2J301M	 2G/3G/4G Wall or glass mount with 2.5 meters coaxial cable ACTE P/N: 2J520	 2G/3G Wall mount with bracket & 5 meters coaxial cable ACTE P/N: AO100-SMA
M1000 USB 3G/HSPA R3000 HSUPA & HSPA+ (both '3G') Twin 3G Antennas "Main" & "Diversity"	 Multi-position blade ACTE P/N: FPTR35232-SM-KR	Contact ACTE	 2G/3G/4G panel mount with 2.5m coaxial cable P/N: 2J680-250RG174	 High gain 2G/3G/4G, N-Female connector ACTE P/N: FFGO35242-NF-XX
M1000 USB (4G/LTE) R3000 (4G/LTE) Twin 4G Antennas "Main" & "Diversity"				
GPS antennas R3000 with optional GPS receiver	n/a	 Magnetic Mount, Glass Mount, Body Mount GPS Patch antenna – ACTE P/N: 2J433G	Body Mount / Magnetic Mount GPS Whip – ACTE P/N: 2J7507 B ACTE P/N: 2J7507 M	

Mounting Brackets

All Robustel 'Go-Rugged' devices have threaded screw holes suitable for attaching a mounting bracket.

Two types of brackets are available readymade as below. Each requires 3 screws to attach the bracket. The dimensional specifications can be provided for design of custom made brackets.

Wall mounting bracket



ACTE Part Number:
ROB Wall Mounting Kit

Supplied with 4 off M3 x 6mm screws for Go-Rugged devices.

Fixing centers (for mounting to wall / panel): Separation: approx. 89mm



Din-Rail mounting bracket (35mm)



ACTE Part Number:
ROB Dinrail Mounting

Supplied with 4 off M3 x 6mm screws for Go-Rugged devices.

Cables and connectors

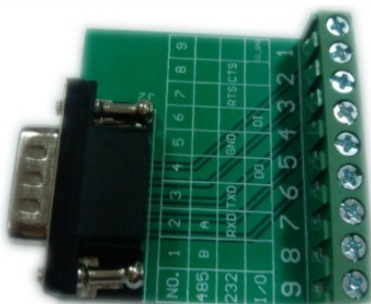
Where appropriate Go-Rugged products include all pluggable terminal block connectors suitable for the unit purchased.

Details of any additional cables supplied with the unit are included in the appropriate user manual.

Contact ACTE for details of serial data cables and other custom or standard cables which can be supplied for the Robustel range.



Robustel R3000 box Contents



Serial Interface adaptor - M1000 Range

A 9-Way D-Type to 9-Pin screw- terminal block adaptor is available to allow easy access and connectivity to signals available via the 9-way D-Type interface. ACTE Part Number: **C001046**

Remote device management - RobustLink

The RobustLink Central Manager is an industrial-grade centralised management and administration system for the Go-Rugged products.

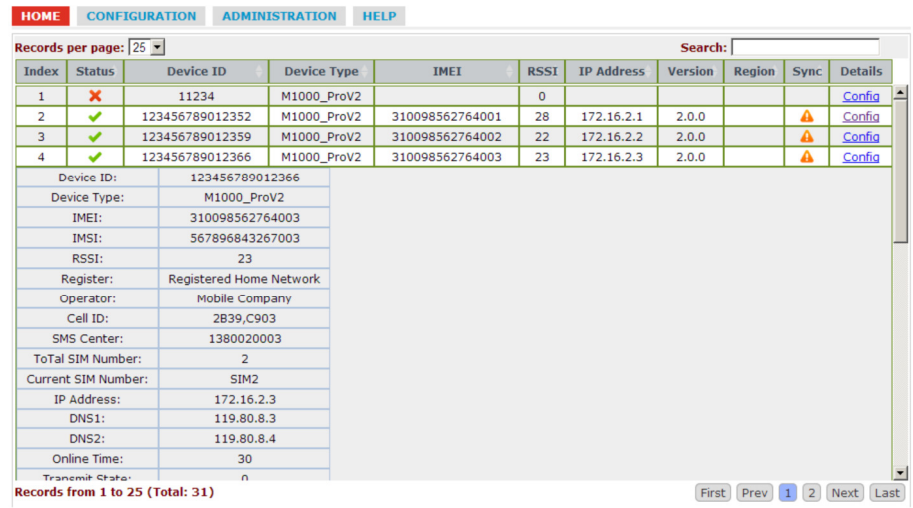
It allows monitoring and configuration of remote devices on a private network over the web

Applicable to:
M1000 Pro-V2 and R3000 Routers.

For further details regarding hosting and system requirements contact ACTE UK.

Robustel

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The screenshot shows the RobustLink web interface. At the top, there are navigation tabs: HOME, CONFIGURATION, ADMINISTRATION, and HELP. Below the tabs, there is a search bar and a 'Records per page' dropdown set to 25. The main content area displays a table with the following columns: Index, Status, Device ID, Device Type, IMEI, RSSI, IP Address, Version, Region, Sync, and Details. The table contains four rows of data. Row 1 has a red 'X' status. Rows 2, 3, and 4 have green checkmark statuses. To the right of the table, there is a detailed view for the device with Device ID 123456789012366. This view lists various parameters such as Device Type (M1000_ProV2), IMEI (310098562764003), IMSI (567896843267003), RSSI (23), Register (Registered Home Network), Operator (Mobile Company), Cell ID (2839_C903), SMS Center (1380020003), ToTal SIM Number (2), Current SIM Number (SIM2), IP Address (172.16.2.3), DNS1 (119.80.8.3), DNS2 (119.80.8.4), Online Time (30), and Transmit State (0). At the bottom of the table view, it says 'Records from 1 to 25 (Total: 31)' and includes navigation buttons: First, Prev, 1, 2, Next, Last.

Index	Status	Device ID	Device Type	IMEI	RSSI	IP Address	Version	Region	Sync	Details
1	✘	11234	M1000_ProV2		0					Config
2	✔	123456789012352	M1000_ProV2	310098562764001	28	172.16.2.1	2.0.0		⚠	Config
3	✔	123456789012359	M1000_ProV2	310098562764002	22	172.16.2.2	2.0.0		⚠	Config
4	✔	123456789012366	M1000_ProV2	310098562764003	23	172.16.2.3	2.0.0		⚠	Config

Device ID:	123456789012366
Device Type:	M1000_ProV2
IMEI:	310098562764003
IMSI:	567896843267003
RSSI:	23
Register:	Registered Home Network
Operator:	Mobile Company
Cell ID:	2839_C903
SMS Center:	1380020003
ToTal SIM Number:	2
Current SIM Number:	SIM2
IP Address:	172.16.2.3
DNS1:	119.80.8.3
DNS2:	119.80.8.4
Online Time:	30
Transmit State:	0

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M2M SIM CARDS



ACTE UK work closely with Wireless Logic Limited to provide seamless end-to-end hardware and connectivity solutions for industrial applications. Fixed-IP SIM cards enable you to access the maximum benefits of a persistent wireless connection with data, remote management and monitoring. Together with Wireless Logic Limited we deliver reliable and secure connectivity together with many other SIM and billing services.

For further information contact:

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