M4G950
4G router

Highly reliable, fast, and secure 4G router for professional applications.

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✓ Wireless AP, 4-port router with DHCP server and firewall in one device
✓ 4G, 3G, GSM/GPRS/EDGE and WiFi
✓ Dual SIM
✓ Dynamic DNS
✓ Durable aluminium housing with LED indicators for signal strength and possibility for four external antennas

M4G950 is a 4G router for use between TCP/IP connected controllers and a wireless, mobile 4G/3G/GPRS network. Controllers connected through a mobile 4G network offer a highly flexible solution and using this router requires no previous building network installations.

The router can be used for communication between multiple controllers and EXOscada/CLOUDigo. It is also possible to connect a computer to service the controllers from a remote location.

Network and configuration

The router is not locked to any specific network provider.

Since data usage can vary between applications, it is recommended to select a network provider that offers SIM cards with a fixed rate or sufficient data traffic.

When starting up, configuration is made using a user friendly and simple internal webpage. The web page also makes it easy to keep track of overall data traffic.

WiFi

The router has WiFi functionality, further extending options for connectivity. It is, however, recommended to turn off the WiFi during operation or protect the network with a strong and secure password in order to limit data usage.

Remote web management

The router uses software which makes it easy to find over the internet. The software makes it simple to locate the connected units in the application and to connect to them.

Dual SIM cards

The router features two SIM card slots. It can switch between these at a predetermined data limit, a certain signal strength or when using roaming over country borders.

Automatic reboot

The router will reboot automatically if losing contact with the network. The router can also be rebooted via SMS.

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Technical data

Connections	RJ45 (3 LAN, 1 WAN), WiFi
Communication	TCP/IP
Mobile network	4G/LTE: B1/B2/B3/B5/B7/B8/B20
	3G: 850/900//1900/2100 MHz
	2G: 800/850/1800/1900 MHz
	LTE: 100/50 Mbps
	DC-HSPA+: 43.2/5.76 Mbps
	WCDMA: 384/384 kbps
	EDGE: 236,8/236,8 kbps
Ethernet	IEEE 802.3, IEEE 802.3u standards
	3 LAN 10/100 Mbps Ethernet ports
	1 WAN 10/100 Mbps Ethernet port
WiFi	IEEE 802.11 b/g/n WiFi standards
SIM card slots	2
Software	Open VPN, IPsec, GRE, L2TP, PPTP
	Dynamic DNS
	SIM-card switch controlled by signal, data limit, roaming
	Firmware update from bootloader via WebUI
Power Supply	9 - 30 V DC. Wall adapter included.
Power consumption	<7 W
Operating temperature	-40 °C ... +75 °C
Storage temperature	-45 °C ... +80 °C
Operation humidity	10 % ... 90 % non-condensing
Storage humidity	5 % ... 95 % non-condensing
Dimensions (HxWxD)	80 mm x 106 mm x 46 mm
Weight	250 g
Housing	Aluminium

CE

Low Voltage Directive (LVD) standards: This product conforms to the requirements of the European Low Voltage Directive (LVD) 2014/35/EU through product standards LST EN 60950-1:2006, LST EN 60950-1:2006/A11:2009, LST EN 60950-1:2006/A1:2010, LST EN 60950-1:2006/A12:2011 and LST EN 60950-1:2006/A2:2013.

EMC emissions & immunity standards: This product conforms to the requirements of the EMC Directive 2014/30/EU through product standards EN 301 489-1 v1.9.2, EN 301 489-1 v1.4.1, EN 301 489-1 v1.3.1, EN 301 489-1 v2.2.1 and EN 301 489-1 v1.5.1

Efficent use of the radio frequency spectrum: This product conforms to the requirements of the Efficient use of the radio frequency spectrum, Article 3.2 of 1999/5/EU through product standards EN 301 511 v9.0.2, EN 301 908-1 v6.2.1, EN 301 908-2 v6.2.1, EN 301908-13 v6.2.1, EN 300 440-1 v1.6.1, EN 300 440-2 v1.4.1 and EN 300 328 v1.8.1

Radio frequency & human exposure: EN 50383:2010, EN 50385:2002 and EN 62311:2008

RoHS: This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council through EN 50581:2012.

Accessories

Article	Description
MXGDIN	Kit for mounting M3G900 and M4G950 on a DIN rail
M4G-ANT	External antenna

Product documentation

Document	Type
Instruction	Instruction for installation and quick start of M3G900/M4G950
Manual M4G950	Manual with complete information about M4G950

The product documentation can be downloaded from www.regincontrols.com.

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