4G Communication module

Network Equipment
Model: **G4R2**
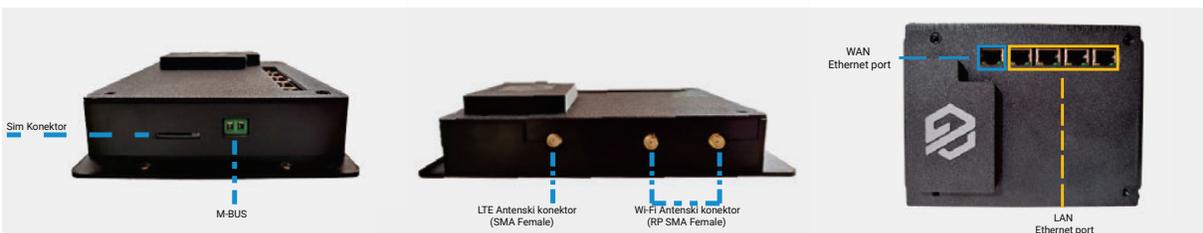
IntelityNet G4R2

230VAC / 20W

- Secure and reliable internet access
- OTA wireless firmware update
- Expandable with external modules*
- Redundant power supply option
- Customized firmware for the user

SYSTEM DESCRIPTION

The 4G communication module is a modern and comprehensive solution for fast and stable internet connectivity, ideal for business and industrial needs. This router comes with wireless firmware updates, ensuring that users always have the latest features and improvements. Additionally, the router is expandable with external modules, meaning it can be customized to meet specific user needs, such as adding an antenna for a stronger signal or a module for enhanced security. The user-customized firmware allows for personalized usage, while the redundant power supply option ensures continuous operation and system reliability. With all these features, the 4G router is a reliable, practical, and modern way to stay connected and productive.

SYSTEM CHARACTERISTICS		OPERATING ENVIRONMENT	
CPU	MT7628N, 580 MHz, MIPS 24KEc	Operating temperature	-25 ° C do 60° C
RAM	128 MB, DDR2		
Flash storage	32 MB		
MIMO	2x2		
POWER SUPPLY		**FIRMWARE**	
Connector	2-pin screw terminal connector	Operating system	OpenWRT - IntelityNET
Operating Voltage / Power consumption (MAX)	230 VAC / 20W	Update	OTA
Backup Battery Power Supply	Da		
PHYSICAL INTERFACE		**WiFi**	
Network	4 x RJ45 LAN, 10/100Mbps, 1x RJ45 WAN 10/100Mbps	Protocol	802.11b/g/n
SIM	1 x SIM full size	Maximum internet speed	100mbps
Antenna	2 x RP SMA Female for WiFi, 1 x SMA Female for LTE	VPN Tunnel	Yes (IPSec, L2TP, WireGuard...)
ETC	1 x M - BUS		

*When expanding with external modules, it is necessary to create a custom firmware based on the user's needs.

*The images of the 4G communication module housing are not the final product and are created according to the user's needs.