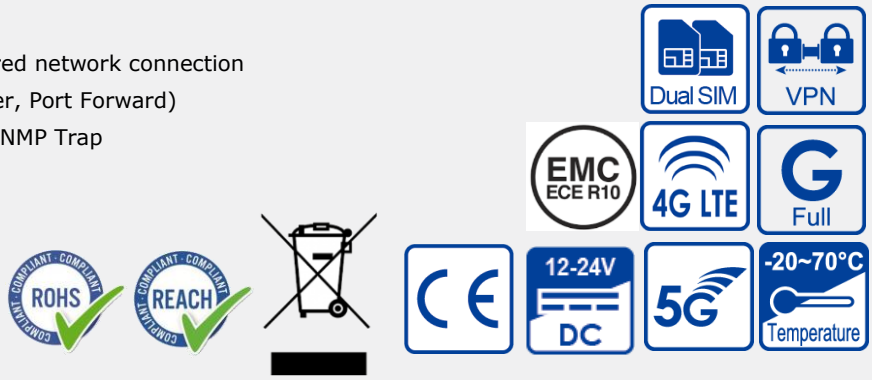
IGAR-1004-D5G

Industrial Vehicle 5G Cellular Router with 4x10/100/1000Base-T(X)

Features

- Leading ECE R10-compliant router for vehicle application
- Provide 4x10/100/1000Base-T(X) Ethernet with RJ45
- **Supports 5G and LTE Modem dial up**
- Dual SIM for backup
- Secured Management by HTTPs
- Various kind of WAN Connection Type supported: Dynamic/Static IP, PPPoE, Modem Dial Up
- DHCP / Static IP address assignment
- Iptables configurable to prevent access from unauthorized IP address
- The time from boot to operational: <90 sec.
- Support QOS
- Support VPN IEEE802.1Q for secured network connection
- Support NAT Setting (Virtual Server, Port Forward)
- Event Warning by Syslog, Email, SNMP Trap
- Wall mounting enabled





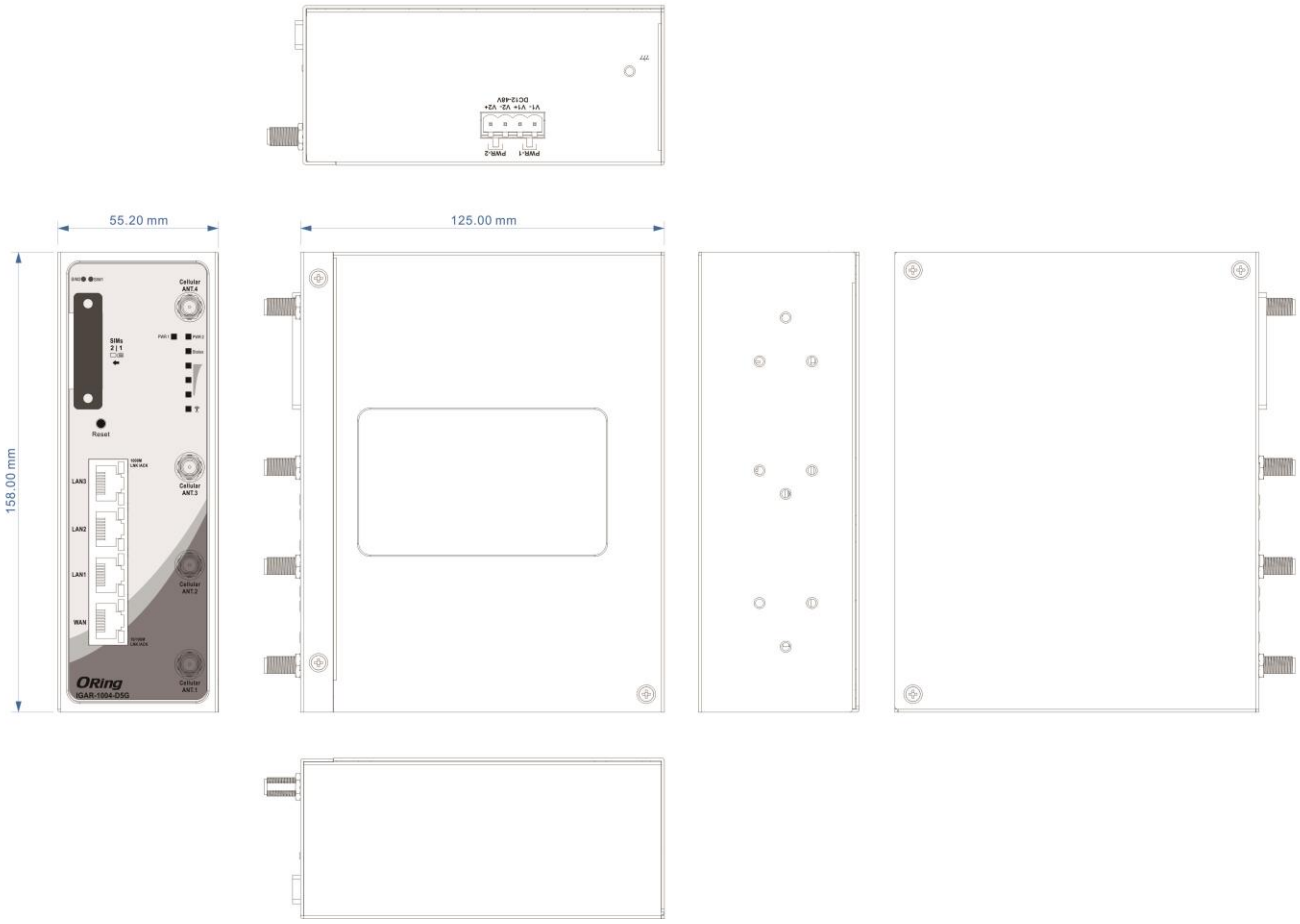
Introduction

IGAR-1004-D5G is a reliable 5G NR VPN router with 4 ports 10/100/1000Base-T(X) router where ETH1 for WAN and ETH2 to ETH4 for LAN. It supports MAC filter for security control. It could be configured to operate in 3 modes of routing function: Dynamic/Static IP route, PPPoE authentication, and Modem dial up. In the mode of Modem dial up, it support LTE/5G modem by internal cellular module. Users can set up WLAN environment to fulfill demands of various applications rapidly by dialing up cellular modems. Therefore, IGAR-1004-D5G one of the best solution for applications of cellular communication.

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Dimension

Dimension (Unit =mm)



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Specifications

ORing Router Model	IGAR-1004-D5G
Physical Ports	
10/100/1000Base-T(X) Ports in RJ45	**1(WAN) + 3(LAN), Auto MDI/MDIX**
Input Power Port in 4-pin terminal block	**1**
Cellular Interface (Main)	
Antenna	SMA Female x 4
SIM (Dual)	SIM(Mini SIM, 2FF)
Cellualr Standard	HSDPA / HSUPA / LTE/ LTE+/ 5G
Band Option	Covers all bands & technologies used in Europe 5G NR : n1,n3,n5,n7,n8,n20,n28,n38,n40,n41,n75,n76,n77,n78 LTE : FDD : B1/B3/B5/B7/B8/B20/B28/B32/ TDD : B38/B40/B41/B42/B43 WCDMA : B1/B5/B8
Protocol Support	
General Protocol	ARP,BOOTP, DHCP, DNS, HTTP, IP, ICMP, SNTP, TCP, UDP, RADIUS, SNMP, STP, RSTP
LED Indicators	
PWR	2 x LEDs, PWR1(2) / Ready: Green On : Power is on and functioning Normal
Status Indicator	1 x LED, Amber slow blink: booting, Green On:for normal
WWAN signal strength	3 x LEDs Green for Strength: 1<30%, 2 >30% <60%, 3>75%
Cellular LED	1 x LED, Green slow blink for work normal
Ethernet Port Indicator	8 x LEDs, LNK: Green for port Link/AcT. SPD: Green On for 1000/100Base-T(X) link; Green Off for 10Base link
Power	
Connector	4-pin terminal block
Input Power	**12~24Vdc (9 ~ 32Vdc Max.)**
Isolation	DC 2KV/ AC 1.5KV
Power Consumption (Typ.)	30 watts Max.
Overload Current Protection	Present
Interruption	10ms keep live
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP-40
Dimension (W x D x H)	55.2(W) x 125(D) x 158(H) mm
Weight (g)	<2Kg
Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-20 to 70°C (-4 to 158°F)
Operating Humidity	10% to 95% Non-condensing
Regulatory Approvals	
EMC	CISPR 25
Shock	EN61373
Free Fall	IEC60068-2-31

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Vibration	EN61373
E-Mark	ECE R10
temperature and humidity, vibrations and shocks	EN68000
Fire protection	ECE R 118
Cooling	EN60068-2-1
Dry Heat	EN60068-2-2
Safety	EN62368-1
MTBF	>50000
Warranty	5 years
Product life time	10 years

- **IGAR-1004-D5G x 1**
- **CD QRcode x 1**
- **4pin Terminal Block x 1**
- **Wall-Mount Kit x 1**
- **Cellular Antenna x 4**
- **Quick Installation Guide x 1**