ORing

IGR-40D

Industrial Router with 4x10/100/1000Base-T(X)

Features

- ➤ Provide 4 port 10/100/1000Base-T(X) port with RJ45 connector
- ➤ Provide HNAT enhance LAN to WAN routing performance
- ➤ Secured Management by HTTPs
- ➤ Various kind of WAN Connection Type supported: Dynamic/Static IP, PPPoE
- ➤ IP table to prevent access from unauthorized IP address
- ➤ Support VPN for secured network connection (Open VPN , IPSEC, VPN)
- ➤ Support NAT Setting (Virtual Server, Port Forward)
- ➤ Versatile modes & event alarm by e-mail
- ➤ 12 ~ 48Vdc dual power input
- ➤ Provide 2 Digital Input and 2 Digital Output
- ➤ Support Micro SD card
- ➤ Rigid IP-30 housing design
- ➤ DIN-Rail and Wall-mount enabled

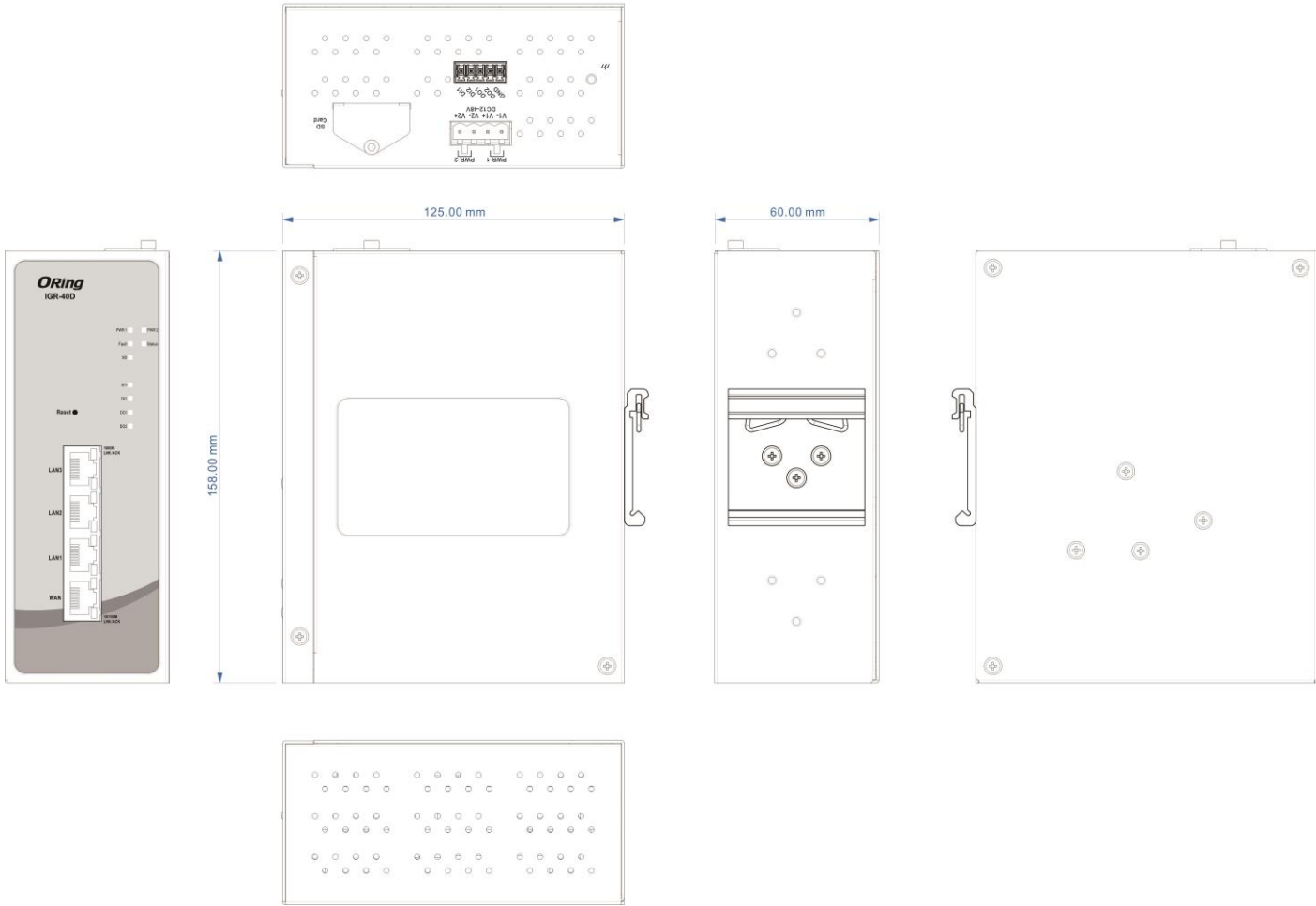| Digital I/O	G Full	12-48V DC	Redundant PWR	-10~70°C Temperature	RoHS	FC	CE

Introduction

IGR-40D is a reliable VPN router with 4 ports 10/100/1000Base-T(X) router where ETH1 to ETH3 for LAN and ETH4 for WAN.   It supports 802.1X and MAC filter for security control.   It could be configured to operate in 3 modes of routing function: Dynamic/Static IP route, PPPoE authentication. Users can set up WLAN environment to fulfill demands of various applications rapidly by dialing up cellular modems.   Therefore, IGR-40D is one of the best solution for applications of wireless communication.

Dimension

Dimension (Unit =mm)

125.00 mm

60.00 mm

158.00 mm

Specifications

ORing Router Model	IGR-40D
Physical Ports	
10/100/1000 Base-T(X) Ports in RJ45 Auto MDI/MDIX	**3 LAN +1 WAN**

5-Pin Terminal Block	**DI x 2** and **DO x 2** :
	    Dry Contact:
	        On: short to GND, Off: open
	    Wet Contact (DI to COM/GND):
	        On: 0 to 3VDC, Off: 10 to 30VDC

LED indicators	
Power indicator	2 x LEDs, PWR1(2) / Ready: Green On: Power is on and functioning Normal
Fault	Green On: When fault event occurs
Status	Green Blinking: System Booting, Green Solid On: System Ready
SD	Green On: Working
DI/O LEDs	4 x LEDs Green Solid On: High, Off:Low
Power	
Redundant Input power	Dual DC inputs. 12-48VDC on 4-pin terminal block
Power consumption	6W
Overload current protection	Present
Reverse polarity protection	Present
Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	60(W) x 125(D) x 158(H) mm
Weight (g)	900g
Environmental	
Storage Temperature	-40 to 85oC (-40 to 185ºF)
Operating Temperature	-10 to 70ºC (14 to 158ºF)
Operating Humidity	5% to 95% Non-condensing
Regulatory approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-31
Vibration	IEC60068-2-6
Safety	EN60950-1
Warranty	5 years

Packing List

- **IGR-40D x 1**
- **CD QRcode x 1**
- **4pin Terminal Block x 1**
- **Wall-Mount Kit x 2**
- **Quick Installation Guide x 1**
- **5pin Terminal Block x 1**