

GRP-240M-4GE

Gateway for Converting Ethernet and Serial Port to Mobile Communication (Asia only)

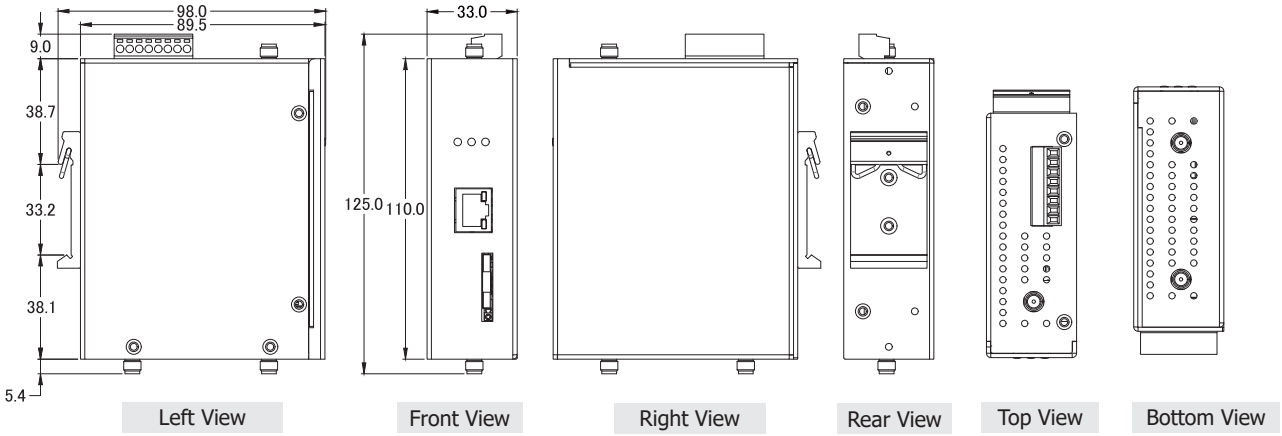
Features

- Supports network address translation (NAT)
- Supports port forwarding
- Supports serial port to mobile network
- 1 x 10 / 100 Mbps Ethernet port
- 1 x serial port (RS-232 / RS-485)
- LTE FDD Cat4 with 3G / 2G fallback

Introduction

The GRP-240M-4GE industrial gateway is designed for wireless communication, enabling IP devices and serial port devices to connect to a cellular network. It is ideal for M2M and IoT applications, including industrial PCs, HMIs, and sensors. LTE Cat 4 offers a peak downlink data rate of approximately 150 Mbps and an uplink peak data rate of 50 Mbps. The gateway features one Ethernet port and one serial port (1 × RS-232 / RS-485).

Dimensions (Units: mm)



System Specifications

Model	GRP-240M-4GE
LED Indicators	
Status	1 x PWR 1 x LTE 1 x STA
2G System	
Frequency Band	B3, B8
Power Class	GSM LB: Class 4 (2W, 33dBm), Class E2 (0.5W, 27dBm @ EDGE) GSM HB: Class 1 (1W, 30dBm), Class E2 (0.4W, 26dBm @ EDGE)
4G System	
Frequency Band	LTE FDD: B1, B3, B7, B8, B20, B28A
Ethernet	
Ports	1 x RJ-45, 10 / 100 Base-T(X)

Model	GRP-240M-4GE
COM Ports	
Ports	1 x RS-232 / RS-485
Power	
Input Range	+10 ~ +30VDC
Consumption	3.6W (150mA @ 24VDC)
Mechanical	
Casing	Metal
Dimensions (mm)	33 x 98 x 125 (W x L x H)
Installation	DIN-Rail / Screw
Environment	
Operating Temperature	-25 ~ +75 °C
Storage Temperature	-30 ~ +80 °C
Humidity	10 ~ 95% RH, Non-condensing

Ordering Information

GRP-240M-4GE CR	Gateway for Converting Ethernet and Serial Port to Mobile Communication (RoHS)(Asia only)

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