

Vantron VT-M2M-G335 is a robust, low-power, cost-effective, configurable, and programmable gateway specifically designed for Machine-to-Machine (M2M) communication and Internet of Things (IoT) applications.

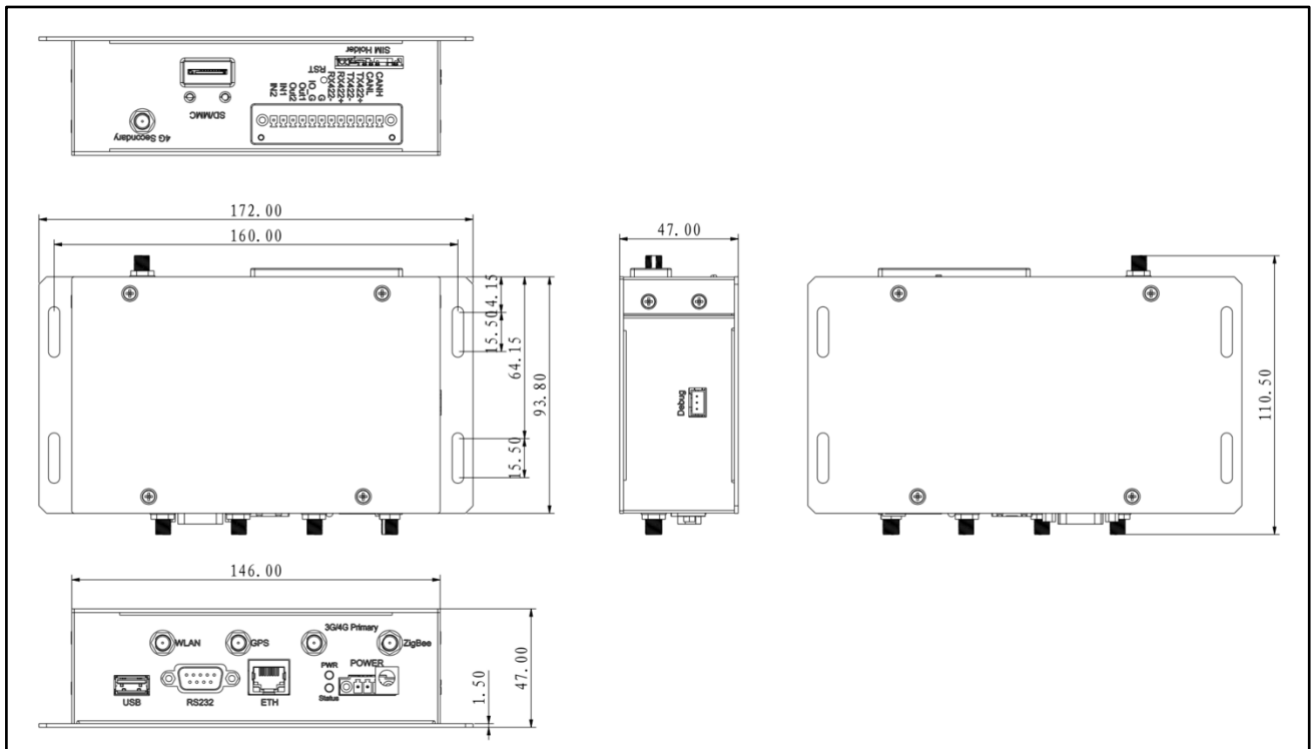
Based on an industrial ARM Cortex-A8 processor, this device provides various wireless supports including 3G/4G/LTE cellular, WLAN, GPS, Zigbee, Lora, Bluetooth, and Iridium (9603). This device also supports interface I/Os including two Gigabit Ethernet, RS-232/485, USB, SD Card, and GPIOs.

This device has a wide-range power supply input (6-36V) and runs Linux or WinCE. The Software Development Kit (SDK) is available.



## Specifications

System	Processoer	TI, AM3358, ARM Cortex-A8, 32-Bit, 1GHz Low Power Processor Optional AM3352, 3354 or Other
	RAM	Up to 1GB DDR3 400MHz
	Flash	Up to 8GB
Wireless	WLAN / BT	WIFI Module, 802.11 b/g/n, 2.4GHz, BT4.0 Module
	Cellular	Optional GPRS/3G/4G Module with SIM Card
	ZigBee / LORA	Zigbee / LORA Module (Optional)
	GPS	On Board GPS Module (Optional)
I/O Ports	Ethernet	2x10/100/1000M Ethernet
	SD Card	1x Micro SD Slot
	COM	1xRS232/485 (DB9) 1xRS232/422/485 (Green Terminal) 1x Debug Port
	USB	1xUSB
	CAN	1xCAN 2.0b (Optional Green Terminal)
	GPIO	Optional: 2x Input, 2x Output
	Buzzer	Buzzer Out (Optional)
	RTC	Support
	Control	With Reset Button
	Software	OS
SDK		Support
Power	Input	Wide Range Input (6-36V), 3x3.81mm Green Terminal
	Consumption	Average 1.8W (Without 4G, GPS, Zigbee, WLAN Module)
Mechanical	Dimensions	155mm x 105mm x 50mm
	Install Brackets	177mm x 105mm x 50mm
	Weight	0.95Kg (1.3Kg With Package)
Environment Condition	Temperature	Operating: -20°C ~ +70°C (Optional Wide Temperature:-40°C ~ +80°C) Storage: -40°C ~ +85°C
	Humidity	5-95%RH (Non-Condensation), operating and storage
	Cooling Mode	Fanless



## Accessory

Installation Tool (Optional)	1pc
Power Adapter	1pc
I/O Green Terminal (12x3.81mm)	1pc
4G/GPRS Module (Optional)	1pc
WIFI/BT Module (Optional)	1pc
GPS Module (Optional)	1pc
Zigbee/LORA Module (Optional)	1pc

## Order Information

VT-M2M-G335	-X	X	X
	2:3352	5: 512 DDR	1:1G
	8:3358	1:1G DDR	2:2G
	9:3359		4:4G
	Or Other		8:8G
<b>Sample</b>	VT-M2M-LV-22		
<p><b>Notes: All specifications are subject to change without notice. Please contact Vantron for additional requirements.</b></p>			