

INFINITE® IoT GATEWAY



GATEWAY

PRODUCT DATASHEET

GW001/b3



PRODUCT FEATURES

The Infinite® IoT Gateway connects your sensors, lights and other devices to the cloud. This allows you to view status and control connected devices from the web interface and mobile application.

- Multiple gateways can join into a project, they can scale up the size of a project.
- A gateway links areas and manages the schedules and pass the data of energy consumption, and devices status.
- Wireless communication through Bluetooth® Low Energy (BLE)



APPLICATIONS

- Hallway
- Toilet
- Staircase
- Office

INFINITE® IoT GATEWAY



GATEWAY

PRODUCT DATASHEET

GW001/b3

PRODUCT INFORMATION

Model Number	GW001/b3
Product Code	GW001/b3
MM Code	711951/MM11951

TECHNICAL SPECIFICATION

CPU	MT7628AN, MIPS24KEc, 580MHx
System	OpenWrt
RAM	128MB
Storage	16MB SPI Flash
Input Voltage	DC 5V
Frequency	-
Indicator LEDs	Power LED Wireless LED
Ethernet	10/100 Mbps
Reset	Factory reset button
Operating temperature	-10°C - 55°C
Storage temperature	-40°C - 65°C
Operating humidity	10% - 90%
IP	IP22

RF INFORMATION

Protocol	Wi-Fi, Bluetooth® 5.2
-----------------	-----------------------

RF PERFORMANCE

Wi-Fi	IEEE Wireless LAN standard: IEEE802.11n, IEEE802.11g, IEEE802.11b
	Wireless Security: WPA/WPA2, WEP, TKIP and AES
	Range: 50 meters maximum, open field
	Transmit Power: 17dBm

Bluetooth Performance

	Highest Transmission Rate: 300Mbps
	Frequency offset: +/- 50kHz
	Frequency Range (MHz): 2412.0 ~ 2483.5
	Transmit Power: 19.5dBm
	Range: 150 meters maximum, open field
	Frequency offset: +/- 20kHz
	Frequency Range (MHz): 2401.0 ~ 2483.5

MECHANICAL AND MATERIAL

Housing Material	PS
Housing Colour	WH26
Width	95 mm
Length	95 mm
Height	30 mm
Weights	TBC

COMPLIANCE



DIMENSIONAL DRAWING

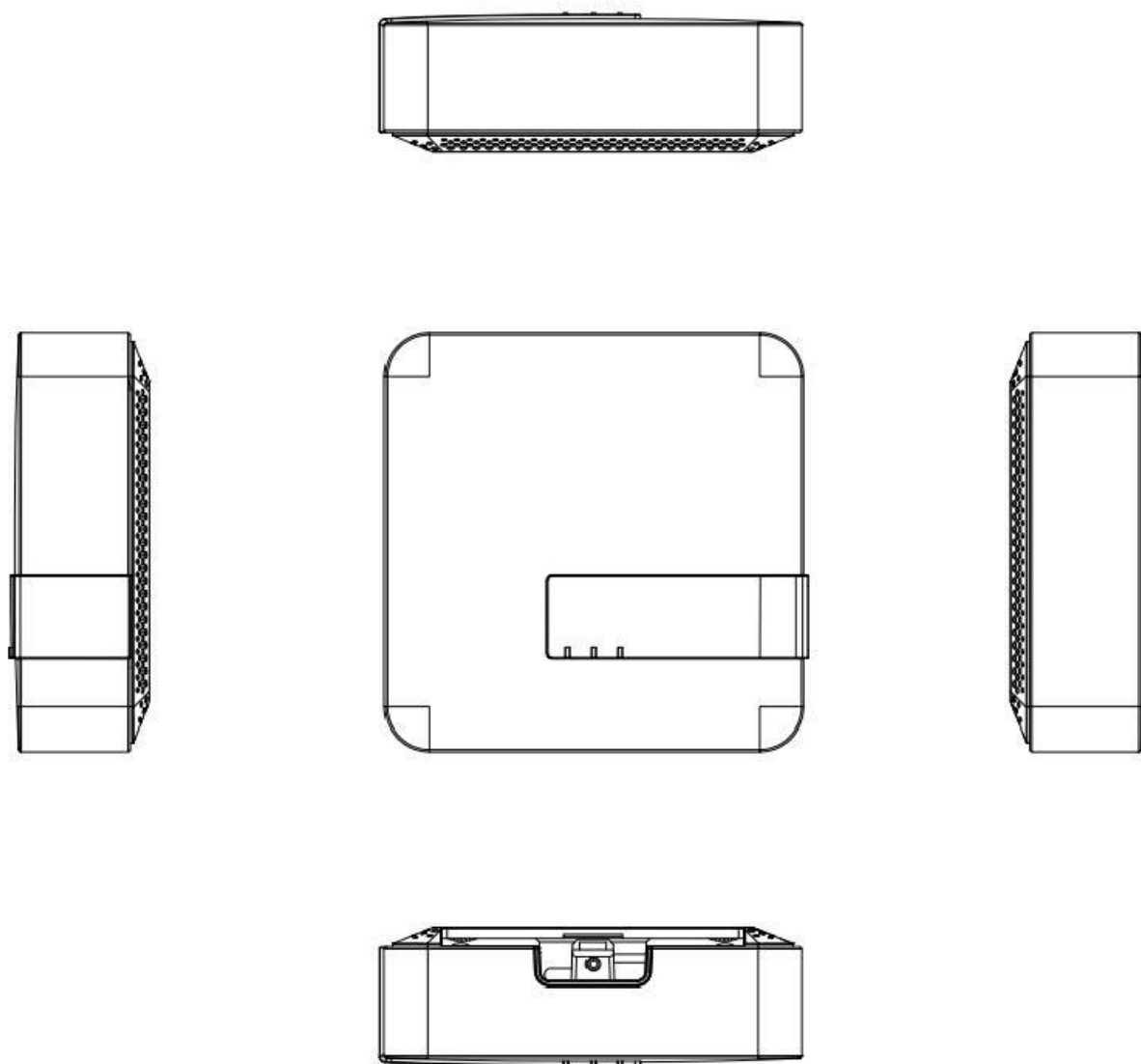
INFINITE® IoT GATEWAY



GATEWAY

PRODUCT DATASHEET

GW001/b3



LOGISTIC INFORMATION

Model No.	Inner Box Packaging Unit pcs/unit	Outer Box Packaging Unit pcs/unit	Outer Box Dimensions			Gross Weight per Outer Box kg
			L mm	W mm	H mm	
711951/MM11951	1	TBA	TBA	TBA	TBA	TBA