



# Product Specification

Date of Release : 2020/8/31  
Version : Draft

## TGM-CEJ0



### Features

- Single Core Cortex-M3 Processor supports good power-saving operation to extend system operation time
- Wireless communication interface of BT V4.2 and V5.0 supports data exchange and OTA
- Rich built-in sensors with tiny system size can be used for different application scenarios

### Specifications

<b>System</b>	Processor	Cortec-M3 32-bit 48MHz
	Operation System	TI RTOS
<b>LED Indicators</b>	Power	x1 Green and Yellow
<b>Sensor</b>	On Board	x1 Vibration
		x1 Temp.
		x1 MEMS DMIC
		x1 Hall Effect Magnetometer
<b>Power System</b>	Battery	CR2477 3V
<b>Mechanical</b>	Mount	Screw
	Dimension	35.8mm x 38.8mm x 19.4mm
	Weight	
	Operating Temp.	-20 ~ 65°C
<b>Environment</b>	Storage Temp.	-20 ~ 70°C
	IP Rating	IP66
	Shock/Vibration	SAE J1455
	Certification	NCC, BSMI

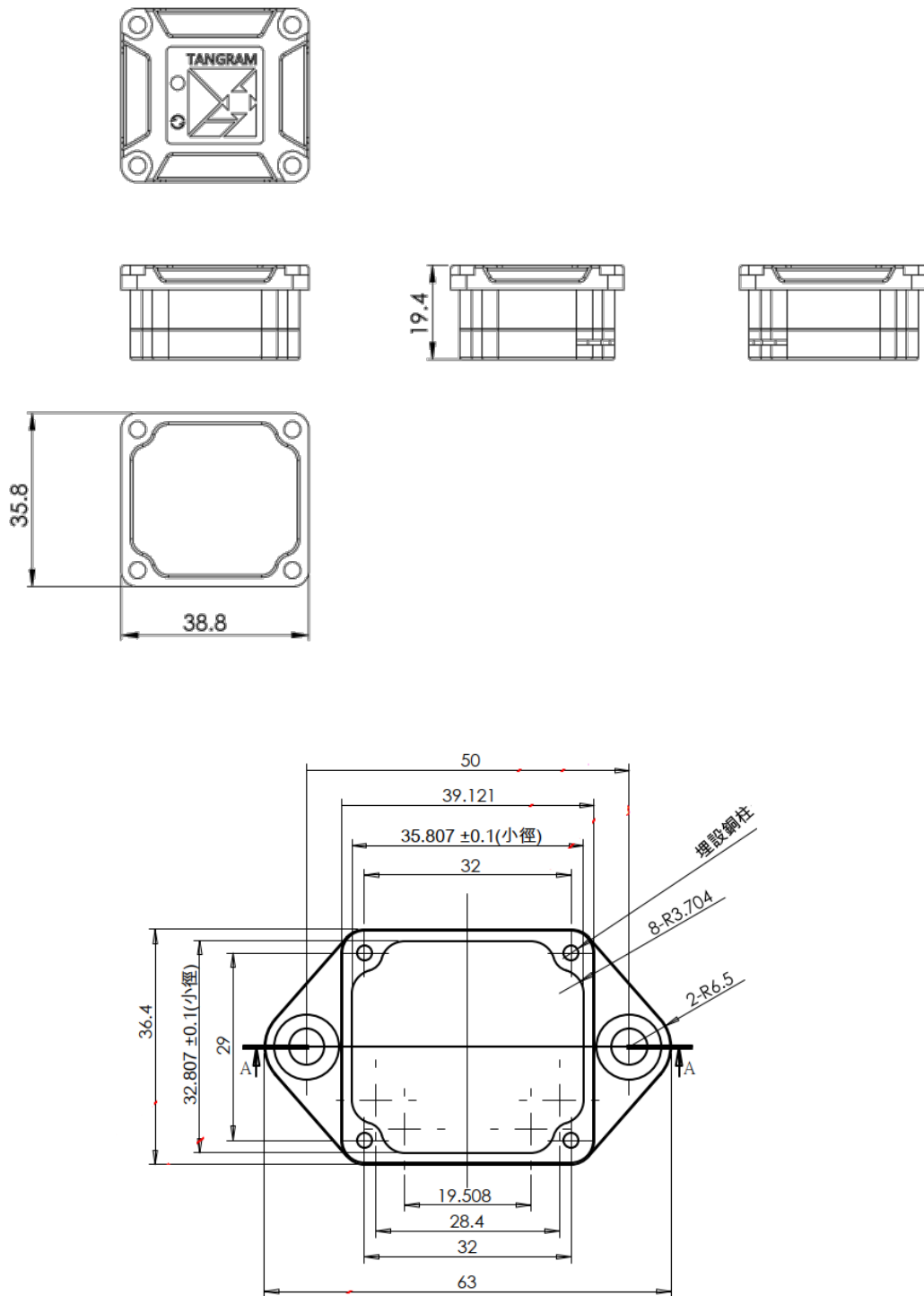


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## Dimensions





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## Interface Layout

