

DECLARATION

Date: Nov 20,2025

To whom it may concern

Dear Sir or Madam:

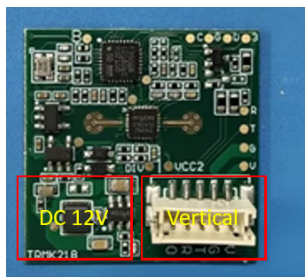
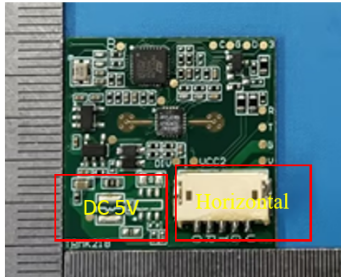
We, Toplight Sensor Technology (Xiamen) Co., Ltd., hereby declare that the product: 24GHz Millimeter Wave Radar Module, model T218 (FCC ID: 2BF56-T218), is available in two Input Voltage configuration: 5V and 12V. Their circuit schematics, PCB layout, and antenna design are completely identical. The only difference is that the 12V circuit incorporates an additional DC/DC power chip and several resistor components, while all other aspects remain exactly the same.

In addition to the difference in input voltage, there are also differences in the external enclosure and input interface type, including ultrasonic and glue-filled housings, as well as vertical and horizontal terminals.

The differences are solely in the physical form factors for different application requirements, as listed below:

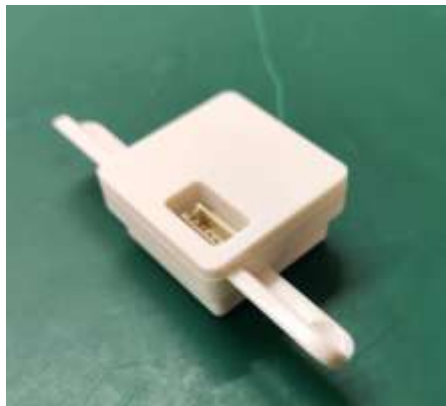
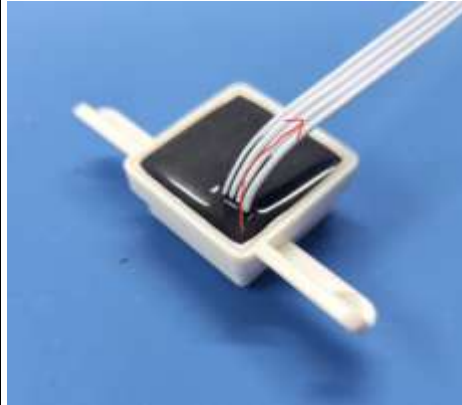
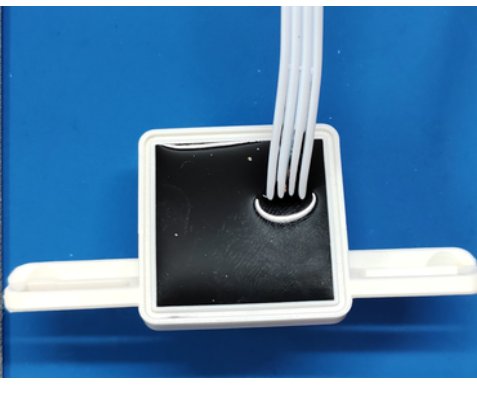
External enclosure type	Input Voltage configuration	Input interface type	Configuration
Ultrasonic	5V	Vertical with wire	configuration 1
	12V	Vertical with wire	configuration 2
	5V	Vertical without wire	configuration 3
	12V	Vertical without wire	configuration 4
Glue filling	5V	Vertical with wire	configuration 5
	5V	Horizontal with wire	configuration 6
	12V	Vertical with wire	configuration 7
	12V	Horizontal with wire	configuration 8

The discrepancy descriptions and the corresponding photos are as follows.

Vertical (DC 12V)	Horizontal(DC 5V)
	

Toplight Sensor Technology (Xiamen) Co., Ltd.

Add:Unit 301,No. 52,Huli Industrial Park,Meixi Road,Tongan District,Xiamen,Fujian,China

Vertical Ultrasonic Case without Wire	Vertical Ultrasonic Case with Wire
	
Vertical Glue filling Case with Wire	Horizontal Glue filling Case with Wire
	

Please contact me should there be need for any additional clarification or information.

Best Regards,

Wanquan Li

Signature:

Signed by (printed name):Wanquan Li

Title:General Manager