

Report No.	202411042	
Total pages	5	

Test Report

Sample: 3D TOF CAMERA

Model: DS86,DS87

Test Type: Commission Test

Clientele: Qingdao MicroSense Intelligent Technology Co.,Ltd.

Weifang Semiconductor Lighting Froduct Testing Center



Weifang Semiconductor Lighting Product **Testing Center**

Test Report

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Sample	3D TOF CAMERA	Model	DS86,DS87	
Brand	/	Sample Quantity	3	
Entrust Unit	Qingdao MicroSense Intelligent Technology Co.,Ltd.			
Sample Sending Unit	Qingdao MicroSense Intelligent Technology Co.,Ltd.			
Contact Name	Wang Xinfang	Telephone	13589156787	
Test Type	Commission Test	Test Site	Reliability Testing Room	
Date of Receival	2024.11.27	Test Date	2024.11.27~ 2024.11.28	
Sample No.	202411042-001~ 202411042-003	Status of Sample	In good condition	
Check Quantity	/	Testing Batch No.	/	
Standard	GB/T 4857.5-2005 Packaging-Transport packages-Vertical impact testmethod by dropping* GB/T 4208-2017 Degrees of protection provided by enclosure (IP code)			
Test Condition	Packaging drop *; Dust Test and Water Test,			
Test Results	The testing process of the samples is in accordance with the relevant provisions mentioned above. See pages 4 of this report for testing data. (The Special Stamp for Inspection Report) Date:			
Remark	The test basis and test items marked "*" are not within the scope of CNAS accreditation of our laboratory.			

Main-Inspector: 杨瑞贞 Reviewer: 混圾玩 Approver: 王 和

Date: 2024,12.11

Date: 7574 12.11

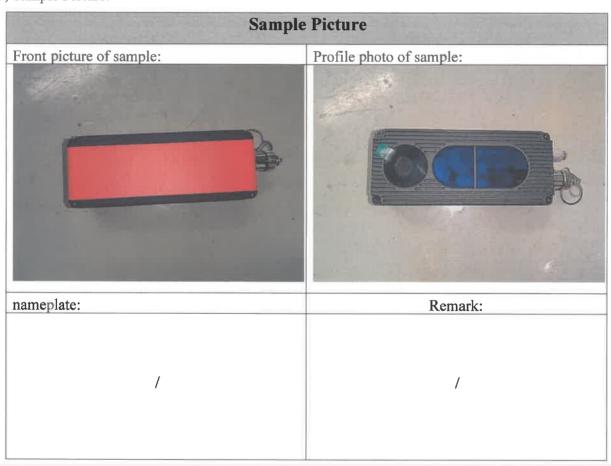
Date: 2024, 12,1/

Sample description and testing instructions

- 1, Sample:3D TOF CAMERA
- 2, Model: DS86 (202411042-001) 、DS87 (202411042-002~202411042-003)
- 3, Running Conditions:/
- 4, Testing Instructions:

NO.	Standard	Test Condition	Test Conditions	Remark
1	GB/T 4857.5-2005 Packaging-Transport packages-Vertical impact testmethod by dropping	Packaging drop*	76cm,One corner, three edges and six sides	202411042-001 ~ 202411042-002
2	GB/T 4208-2017 Degrees of protection provided by enclosure(IP code)	Dust Test and Water Test	IP67	202411042-003

5, Sample Picture:





Test Results							
NO.	Test Condition	Standard	Test Conditions	Test Results	Deter mine		
1	Packaging drop	GB/T 4857.5-2005	76cm,One corner, three edges and six sides	Meet testing requirements	P		
2	Dust Test and Water Test	GB/T 4208-2017	IP67	Meet testing requirements	P		

Remark :

- 1, Environment Temperature:15°C~35°C Humidity: 25%~75%RH
- 2, When uncertainty is required in the test criteria, the uncertainty must be provided.

The uncertainty__/_.

- 3, The testing process
- 3.1 Packaging drop

According to the standard, a single item packaging drop test was conducted with a drop height of 0.76m and a drop method of one corner, three edges, and six sides. After the test, the functional image of the sample appeared normally.

3.2 IP67

Before the experiment, the sample was inspected and found to have a normal appearance. Then place the sample into the test chamber and conduct the test according to the standard requirements. After the experiment, the sample was wiped and found to have a normal appearance. Upon disassembly and inspection, no dust was found inside the sample. Immerse the sample in water for 30 minutes. The top of the sample should have a water depth of at least 150mm, and there should be at least 1m of water at the bottom. After the experiment, the sample was wiped and found to have a normal appearance. Upon disassembly and inspection, no water was found to have entered the interior of the sample. After the experiment, the functional image of the sample appeared normally.



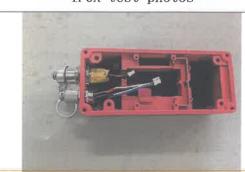
Photos of packaging drop test



IP6X test photos



IPX7 test photos



Internal photos of the sample after the experiment

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