

检测报告
Test Report



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报告抬头公司名称 杭州洛微科技有限公司

Company Name
Shown on Report HANGZHOU LUMINWAVE TECHNOLOGY CO.,LTD.

地址 浙江省杭州市滨江区长河街道江虹路 459 号 1 号楼 B 座 12 楼 1203 室

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BINJIANG DISTRICT, HANGZHOU, ZHEJIANG, CHINA, 310000

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

样品名称	D 系列 TOF 相机
Sample Name	D Series TOF cameras
型号	LWP-D3ABC
Part No.	LWP-D3ABC
颜色	黑色
Color	Black
样品接收状态	正常
Sample Receiving State	Normal
样品接收日期	2023.08.25
Sample Received Date	Aug. 25, 2023
样品检测日期	2023.08.25-2023.08.29
Testing Period	Aug. 25, 2023-Aug. 29, 2023

检测要求

批准
Approved by 朱红旗

日期
Date 2023.08.29
Aug. 29, 2023



No. R92519C0D7
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Test Requested

序号 No.	测试项目 Test Item
1	IPX7
2	IP6X

检测结果: 请参见后续页面。

Test Result(s): Please see the following pages.

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测试样品

Tested Sample(s)

样品编号 Sample No.	样品名称 Sample Name	样品型号 Type	样品数量 Quantity
A2230435930101001	D 系列 TOF 相机 D Series TOF cameras	LWP-D3ABC LWP-D3ABC	2pcs

样品图片

Sample Photo(s)



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测试项目 1: IPX7**Test Item1: IPX7****1. 测试设备 Test Equipment**

设备名称 Equipment Name	型号 Model
防水等级试验机 Waterproof Grade Testing Machine	KXT1318

2. 环境条件 Environmental Conditions

温度: (15~35) °C; 湿度: (25~75) %RH

Temperature: (15~35) °C; Humidity: (25~75)%RH

3. 测试标准 Test Standard: 依客户要求 According to the customer's requirements**4. 测试条件****Test Condition**

短时间浸水, 浸入规定压力的水中经规定的时间后外壳浸水量不至于达到有害程度, 放置于一个潜水箱中, 一般深度 1 米;

试验时间: 30min

Immerse in water for a short time. After immersing in water under specified pressure for a specified period of time, the immersion amount of the shell will not reach the harmful degree.

Depth:1m

Test time: 30min

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5. 测试结果

Test Result(s)

样品编号 Sample No.	测试结果 Test Result(s)
A2230435930101001~1- 2	测试后，目视检查样品内部无进水，功能正常，IPX7 测试通过。 After the test, there was no water entered into sample by visual inspect and the function is normal, the sample passed the IPX5 test.

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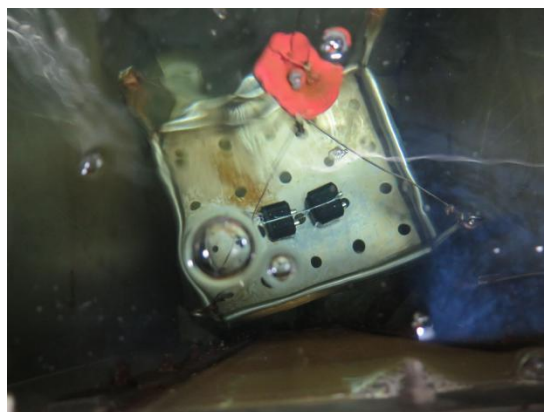
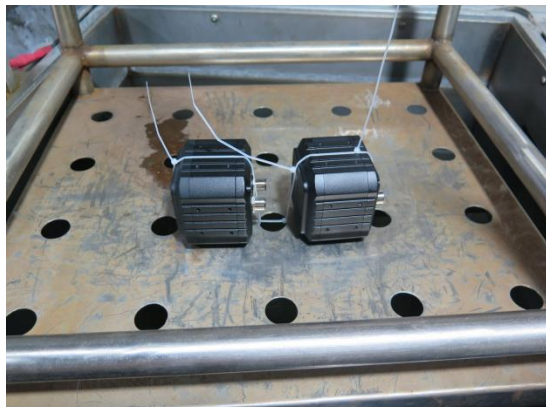
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测试图片

Test Photo(s)



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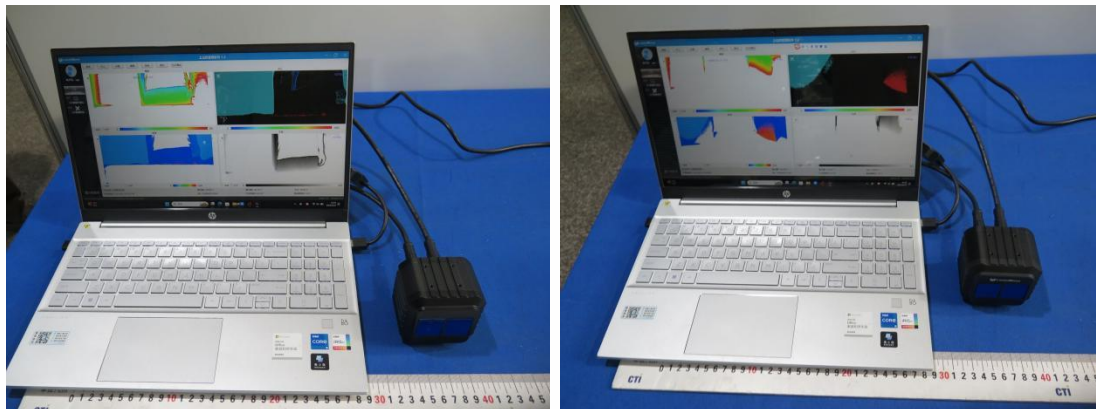
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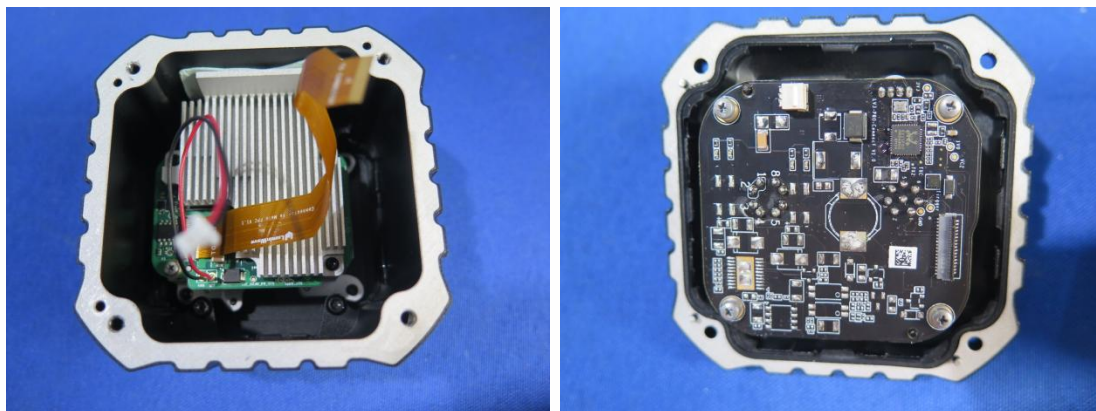
测试后样品图片

Sample Photo(s) after the test

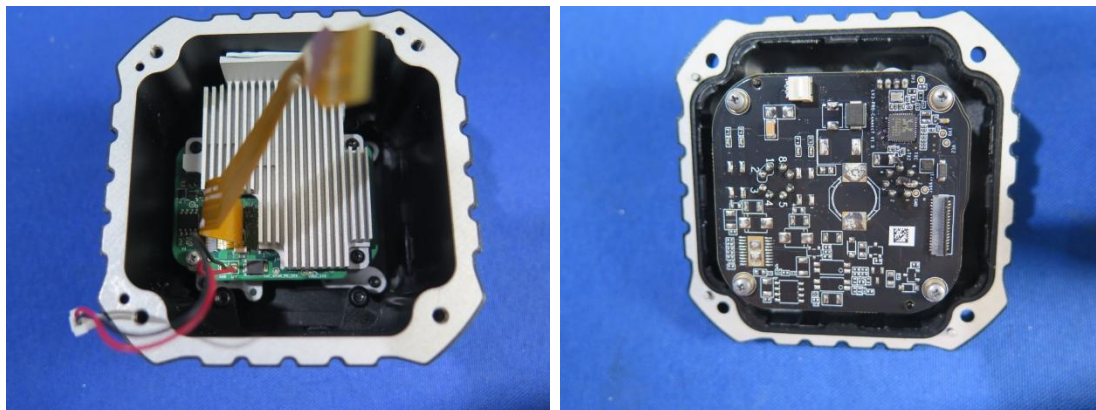


功能检查

Function check



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测试项目 2: IP6X**Test Item2: IP6X****1. 测试设备 Test Equipment**

设备名称 Equipment Name	型号 Model
防尘等级试验机 Dust Test Chamber	KXT1400

2. 环境条件 Environmental Conditions

温度: (15~35) °C; 湿度: (25~75) %RH

Temperature: (15~35) °C; Humidity: (25~75)%RH

3. 测试标准 Test Standard: 依客户要求 According to the customer's requirements**4. 测试条件****Test Condition**

用直径为 1mm 的测试探针, 施加 1N 的力探刺样品缝隙部分;

把样品处于加负压状态(抽气速率每小时小于 40 倍外壳容积;壳内压力与大气压压差:
≤2kPa)。

样品置于含 2kg/m³ 滑石粉的沙尘试验箱中

连续测试 8 小时

The test probe of 1mm diameter is pushed against any opening of the sample with force of 1 N;

Set the sample in the dust chamber, the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump (less than 40 times of the shell volume per hour; the differential pressure between the containment and the atmosphere: ≤2kPa) The talcum powder to be used is 2 kg/m³ of the test chamber volume;

Test duration: 8 hours.

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5. 测试结果

Test Result(s)

样品编号 Sample No.	测试结果 Test Result(s)
A2230435930101001~1- 2	测试后样品内部未见明显的灰尘沉积，直径 1mm 探针无法进入样品内部金属带电部位，IP6X 测试通过。 No obvious dust was observed in the sample by visual inspection after test. Test probe can't enter the sample. The sample passed the IP6X test.

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测试图片

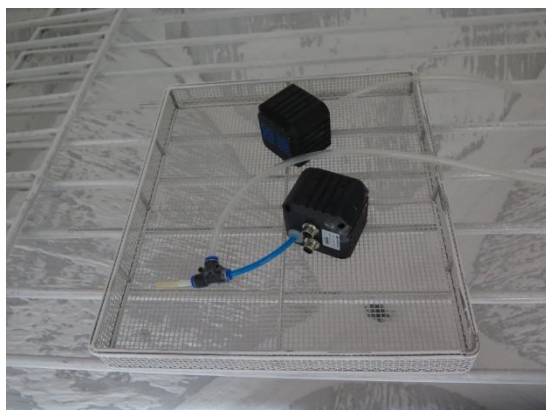
Test Photo(s)



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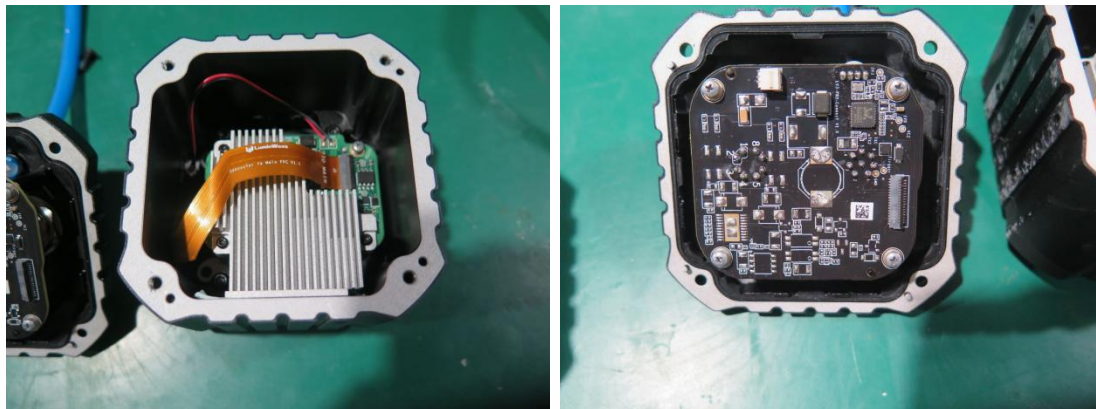
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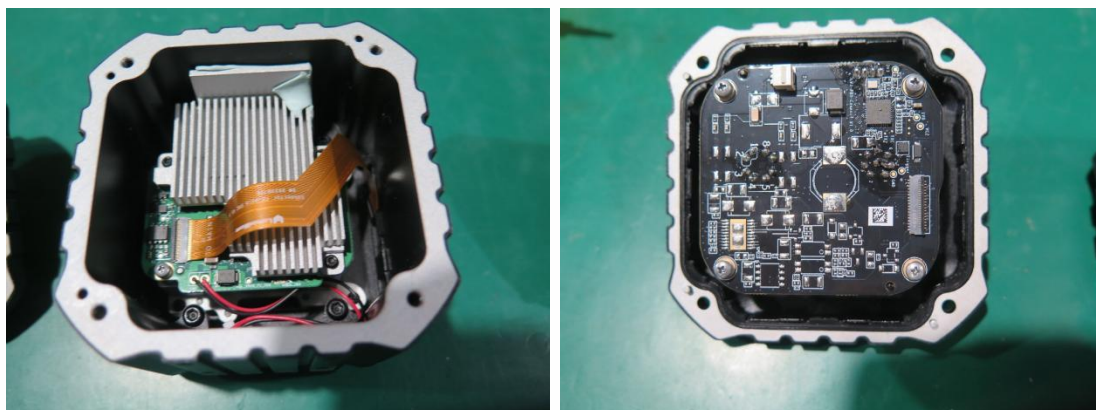
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测试后样品图片

Sample Photo(s) after the test



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备注：本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。

Remark: The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

声明：

Statement:

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效；

This report is considered invalid without approved signature, special seal and the seal on the perforation;

2. 报告抬头公司名称及地址、样品及样品信息由申请者提供，申请者应对其真实性负责，CTI

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未核实其真实性;

Company Name and Address shown on Report, the sample(s) and sample Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;

3. 本报告检测结果仅对受测样品负责;

The result(s) shown in this report refer(s) only to the sample(s) tested;

4. 未经 CTI 书面同意, 不得部分复制本报告。

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*** 报告结束 ***

*** End of Report ***