

## TEST REPORT



REPORT NO: CTNT2410120070101

Product name: Laser Level

Model No: U011G

Applicant: ZHONGSHAN SMART OPTOELECTRONICS  
TECHNOLOGY CO.,LTD

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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**TEST REPORT**  
**IEC 60825-1**  
**Safety of laser products –**  
**Part 1:Equipment classification and requirements**

**Report Number.....:** CTNT2410120070101

**Date of issue.....:** October 31, 2024

**Name of Testing Laboratory**  
**preparing the Report.....:** Shenzhen Zhongwei Testing Technology Co., Ltd.  
Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street,  
Longgang District, Shenzhen, Guangdong, China  
Tel: 086-13662574496  
E-mail: admin@cnt-cert.com  
Web: www.cnt-cert.com

**Applicant's name.....:** ZHONGSHAN SMART OPTOELECTRONICS TECHNOLOGY CO.,LTD  
**Address.....:** 4501、 4502B 4501 and 4502B, Xinxing Science Park, No. 33 Xingteng  
Road, Tanzhou Town, Zhongshan City, Guangdong Province, China

**Manufacturer's name.....:** ZHONGSHAN SMART OPTOELECTRONICS TECHNOLOGY CO.,LTD  
**Address.....:** 4501、 4502B 4501 and 4502B, Xinxing Science Park, No. 33 Xingteng  
Road, Tanzhou Town, Zhongshan City, Guangdong Province, China

**Test specification:**

**Standard.....:** IEC 60825-1: 2014

**Test procedure.....:** Type Test

**Non-standard test method.....:** N/A

**Test Report Form No.....:** IEC60825\_1G

**Test Report Form(s) Originator.....:** OVE

**Master TRF.....:** Dated 2021-10-05

**General disclaimer:**

The test results presented in this report relate only to the object tested.

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The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.

**Test item description.....:** Laser Level

**Trademark.....:** N/A

**Model/Type reference .....** U011G, U011R, HP-U011G, LVCLX1, LVCLX2

**Ratings.....:** 3.7V==

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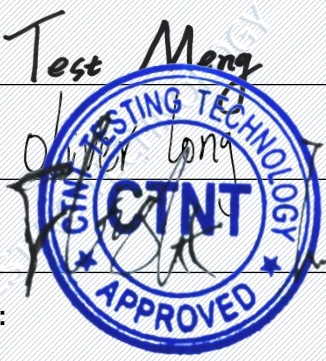
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<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<b>Laboratory Name</b> .....:	Shenzhen Zhongwei Testing Technology Co., Ltd.	
<b>Testing location/ address</b> .....:	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
<b>Tested by (Test Engineer)</b> .....:	Test Meng	
<b>Reviewed by (Supervisor)</b> .....:	Oliver Long	
<b>Approved by (Chief Engineer)</b> .....:	Flight Lee	
<b>List of Attachments (including a total number of pages in each attachment):</b> - Test data graph, Photo document		
<b>Summary of testing:</b>		
<b>Tests performed (name of test and test clause):</b>  Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.  According to the test of IEC 60825-1 Safety of laser products – Part 1 Equipment classification and requirements.  <b>This product complied with the requirements of Class 2.</b>	<b>Testing location:</b>  Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China  Tel: 086-755-28680489 E-mail: admin@cntnt-cert.com Web: www.cntnt-cert.com	
<b>Test item particulars:</b>		
<b>Classification of installation and use</b> .....:	transportable / portable / stationary / mobile/ fixed / permanently installed / hand-held	
<b>Supply Connection</b> .....:	internally powered / permanently installed / appliance coupler / non-detachable cord/detachable cord	
<b>laser Class as defined in 3.44 and 3.18 through 3.24 of IEC 60825-1:2014</b> .....: Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4		
<b>laser output (power or energy)</b> .....:	See below	
<b>Accessories and detachable parts included in the evaluation</b> .....: N/A		
<b>Options included</b> .....: N/A		

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