

## TEST REPORT



REPORT NO: CTNT240911011

Product name: Laser Level

Model No: U03CG

Applicant: ZHONGSHAN SMART OPTOELECTRONICS  
TECHNOLOGY CO.,LTD

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



This report may not be reproduced in part without permission to avoid ambiguous interpretation.

This report can be checked and verified in the following ways.

Tel: 0755-28680489

E-mail: admin@cntn-cert.com

Web: www.cntn-cert.com



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

**Report Number**.....: CTNT240911011

**Date of issue**.....: October 09, 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.

This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory.

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**.....: U03CG, U04CG, U04CR, LV3DX1, LV4DX1

**Ratings**.....: 7.4V==

This report may not be reproduced in part without permission to avoid ambiguous interpretation.


This report can be checked and verified in the following ways.

Tel: 0755-28680489

E-mail: admin@cnt-cert.com

Web: www.cnt-cert.com



<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@ctnt-cert.com Web: www.ctnt-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		

This report may not be reproduced in part without permission to avoid ambiguous interpretation.

This report can be checked and verified in the following ways.

Tel: 0755-28680489

E-mail: admin@ctnt-cert.com

Web: www.ctnt-cert.com