

## TEST REPORT



REPORT NO: CTNT2502260100101

Product name: Laser Level

Model No.: MX-011

Applicant: Zhongshan Mairuiou Optoelectronic Technology Co., Ltd

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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Tel: 0755-28680489

E-mail: admin@cnt-cert.com

Web: www.cnt-cert.com



## TEST REPORT IEC 60825-1

### Safety of laser products – Part 1: Equipment classification and requirements

**Report Number** .....: CTNT2502260100101

**Date of issue** .....: March 20, 2025

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

**Applicant's name** .....: Zhongshan Mairuiou Optoelectronic Technology Co., Ltd

**Address** .....: Building B, Area A, No.1 Longtang Heng Street, Xinqianjin Village,  
Tanzhou Town, Zhongshan City, Guangdong Province

**Manufacturer's name** .....: Zhongshan Mairuiou Optoelectronic Technology Co., Ltd

**Address** .....: Building B, Area A, No.1 Longtang Heng Street, Xinqianjin Village,  
Tanzhou Town, Zhongshan City, Guangdong Province

**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** .....: MX-011, MX-011CG, MX-011CR, MX-011CG+, MX-011CR+

**Ratings** .....: 3.7V<sub>~</sub>

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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> .....	Andrea Xie	
<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@cnt-cert.com Web: www.cnt-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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