

## TEST REPORT



REPORT NO.: CTNT2412310060101

Product name : Rangefinder

Model No : L-16

Applicant : Shenzhen Longzhiyuan 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**.....: CTNT2412310060101

**Date of issue**.....: Jan. 10, 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  
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**Applicant's name**.....: Shenzhen Longzhiyuan Technology Co.,Ltd.  
**Address**.....: 2F- 5F, Building B, ZhuangBian 2nd Ind Park, HeZhou Village, XiXiang  
Town, Bao'An Dist., ShenZhen, Guangdong Province, China.

**Manufacturer's name**.....: Shenzhen Longzhiyuan Technology Co.,Ltd.  
**Address**.....: 2F- 5F, Building B, ZhuangBian 2nd Ind Park, HeZhou Village, XiXiang  
Town, Bao'An Dist., ShenZhen, 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**.....: Rangefinder

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

**Model/Type reference**.....: L-16

**Ratings**.....: 3.3V  $\Rightarrow$  330mA

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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> ..... :	East Zheng	<i>East Zheng</i>
<b>Reviewed by (Supervisor)</b> ..... :	Oliver Long	<i>Oliver Long</i>
<b>Approved by (Chief Engineer)</b> ..... :	Flight Lee	<i>Flight Lee</i>
<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 1.</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	

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