

# TEST REPORT



REPORT NO.:CTNT230105004

Product name: eHLS1 Handheld LiDAR Scanner

---

Model No.: eHLS1

---

Applicant: Shanghai eSurvey GNSS Co., Ltd.

---

Test procedure: Entrustment Test

---

Shenzhen Zhongwei Testing Technology Co., Ltd.



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

**Report Number**.....: CTNT230105004

**Date of issue**.....: March 27, 2023

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

**Applicant’s name**.....: Shanghai eSurvey GNSS Co., Ltd.

**Address**.....: Lianhang Rd, Pujiang Town, Minhang District, Shanghai, China

**Manufacturer’s name**.....: Shanghai eSurvey GNSS Co., Ltd.

**Address**.....: Lianhang Rd, Pujiang Town, Minhang District, Shanghai, China

**Test specification:**

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

**Test procedure**.....: Entrustment Test

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

**Test Report Form No**.....: IEC 60825-1F


**Test Report Form(s) Originator**..... : UL(US)

**Master TRF**.....: Dated 2017-12-21

**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**.....: eHLS1 Handheld LiDAR Scanner

**Trade Mark**.....: 

**Model/Type reference**.....: eHLS1

**Ratings**.....: 12V~24V==

<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>	Airan Lu	
<b>Approved by(Chief Engineer)..... :</b>	Flight Lee	
<b>List of Attachments (including a total number of pages in each attachment):</b>		
<ul style="list-style-type: none"> <li>- Photo document</li> <li>- Test data graph</li> </ul>		
<b>Summary of testing:</b>		
<b>Tests performed (name of test and test clause):</b>	<b>Testing location:</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 is complied with the requirements of Class 1.</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>Supply Connection..... :</b>	Battery powered	
<b>Possible test case verdicts:</b>		
- test case does not apply to the test object..... :	N/A	
- test object does meet the requirement..... :	P (Pass)	
- test object does not meet the requirement..... :	F (Fail)	
- test object does not experiment with this clause.:	-	
<b>Testing..... :</b>		
<b>Date of receipt of test item..... :</b>	January 5, 2023	
<b>Date (s) of performance of tests..... :</b>	January 7, 2023	

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