

# TEST REPORT



REPORT NO.: CTNT230627005

Product name: LASER SENOR

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Model No.: LDS-50C-R

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Applicant: JINHUA LANHAI PHOTOELECTRICITY  
TECHNOLOGY CO.,LTD

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Test procedure: Entrustment Test

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Shenzhen Zhongwei Testing Technology Co., Ltd.



<p><b>TEST REPORT</b></p> <p><b>IEC 60825-1</b></p> <p><b>Safety of laser products – Part 1:</b></p> <p><b>Equipment classification and requirements</b></p>	
<b>Report Number</b> .....	CTNT230627005
<b>Date of issue</b> .....	August 26, 2023
<b>Name of Testing Laboratory preparing the Report</b> .....	Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-13662574496 E-mail: admin@cntn-cert.com Web: www.cntn-cert.com
<b>Applicant's name</b> .....	JINHUA LANHAI PHOTOELECTRICITY TECHNOLOGY CO.,LTD
<b>Address</b> .....	No.358,Jidao Street,Industry District Jinhua,Zhejiang,CHINA 321000
<b>Manufacturer's name</b> .....	JINHUA LANHAI PHOTOELECTRICITY TECHNOLOGY CO.,LTD
<b>Address</b> .....	No.358,Jidao Street,Industry District Jinhua,Zhejiang,CHINA 321000
<b>Test specification:</b>	
<b>Standard</b> .....	IEC 60825-1: 2014
<b>Test procedure</b> .....	Entrustment Test
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	IEC60825_1G
<b>Test Report Form(s) Originator</b> .....	OVE
<b>Master TRF</b> .....	Dated 2021-10-05
<b>General disclaimer:</b>	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory.</p> <p>The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.</p>	
<b>Test item description</b> .....	LASER SENOR
<b>Trade Mark(s)</b> .....	PACECAT
<b>Model/Type reference</b> .....	LDS-50C-R
<b>Ratings</b> .....	5V==

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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

<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	<i>Andrea Xie</i>		
<b>Reviewed By(Supervisor)</b> .....:	Airan Lu	<i>Airan Lu</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> - Photo document - Test data graph				
<b>Summary of testing:</b> <table border="1" style="width:100%"> <tr> <td style="width:50%"> <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> </td> <td style="width:50%"> <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                 </td> </tr> </table>			<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@ctnt-cert.com Web: www.ctnt-cert.com
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<b>Test item particulars</b> .....				
<b>Supply Connection</b> .....: Power supply				
<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)				
<b>Testing</b> .....				
<b>Date of receipt of test item</b> .....: June 27, 2023				
<b>Date (s) of performance of tests</b> .....: July 6, 2023				



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