

TEST REPORT



REPORT NO.:CTNT220517008

Product name: 8-Line Eye-Safe 1550nm Semiconductor LiDAR
for Intelligent Connected Vehicles

Model No.: 8L_1550_1

Applicant: Hainan Normal University

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	CTNT220517008
Date of issue	July 21, 2022
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	Hainan Normal University
Address	No. 99, Longkun South Road, Haikou City, Hainan Province
Manufacturer's name	Hainan Normal University
Address	No. 99, Longkun South Road, Haikou City, Hainan Province
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:	
<p>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.</p>	
Test item description	8-Line Eye-Safe 1550nm Semiconductor LiDAR for Intelligent Connected Vehicles
Trade Mark	N/A
Model/Type reference	8L_1550_1
Ratings	12V = 0.85A

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Tel: 0755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Laboratory Name	Shenzhen Zhongwei Testing Technology Co., Ltd.	
Testing location/ address.....:	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by(Test Engineer)..... :	Rock Zhou	<i>Rock Zhou</i>
Reviewed By(Supervisor).....:	Airan Lu	<i>Airan Lu</i>
Approved by(Chief Engineer).....:	Flight Lee	<i>Flight Lee</i>
List of Attachments (including a total number of pages in each attachment): - Photo document - Test data graph		
Summary of testing:		
Tests performed (name of test and test clause): 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.This product complied with the requirements of Class 1.	Testing location: 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	
Test item particulars..... :		
Supply Connection.....:	Powered by a power adapter	
Possible test case verdicts:		
- 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.:	-	
Testing..... :		
Date of receipt of test item.....:	May 17, 2022	
Date (s) of performance of tests.....:	July 12, 2022	



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