

TEST REPORT



REPORT NO.: CTNT2412160100101

Product name: LaserTonor Pi1

Model No.: 2024-10A

Applicant: Shenzhen Xiyou Aurora Technology Co., Ltd

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.




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TEST REPORT EN 60825-1 Safety of laser products – Part 1: Equipment classification and requirements EN 50689: 2021 Safety of laser products – Particular Requirements for Consumer Laser Products	
Report Number	CTNT2412160100101
Date of issue	March 18, 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	Shenzhen Xiyou Aurora Technology Co., Ltd
Address	407, No.15, Shenfeng Road, Liuyue North Community, Henggang Street, Longgang District, Shenzhen
Manufacturer's name	Shenzhen Xiyou Aurora Technology Co., Ltd
Address	407, No.15, Shenfeng Road, Liuyue North Community, Henggang Street, Longgang District, Shenzhen
Test specification:	
Standard.....	EN 60825-1: 2014+A11: 2021&EN 50689: 2021
Test procedure	Type Test
Non-standard test method	N/A
Test Report Form No.	EU_GD_IEC60825_1G
Test Report Form(s) Originator	TÜV Rheinland LGA Products GmbH
Master TRF.....	Dated 2021-11-05
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	LaserTonor Pi1
Trade Mark	LaserTonor
Model/Type reference	2024-10A
Ratings	12V  5A

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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)	Andrea Xie	
Reviewed By(Supervisor).....:	Oliver Long	
Approved by(Chief Engineer)	Flight Lee	
List of Attachments (including a total number of pages in each attachment): - Test data graph, Photo document		
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 EN 60825-1: 2014+A11: 2021 Safety of laser products – Part 1: Equipment classification and requirements. And also considered with the EN 50689: 2021 Safety of laser products – Particular Requirements for Consumer Laser Products. 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		
Classification of installation and use:	transportable / portable / stationary / mobile/ fixed / permanently installed / hand-held	
Supply Connection.....:	internally powered / permanently installed / appliance coupler / non-detachable cord	
laser Class as defined in 3.44 and 3.18 through 3.24 of EN 60825-1: 2014+A11: 2021	Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4	
laser output (power or energy).....:	See below	

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