

TEST REPORT



REPORT NO.: CTNT230316002

Product name: Laser ranging module

Model No.: B87A

Applicant: CHENGDU JRT METER TECHNOLOGY CO., LTD

Test procedure: Entrustment 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	CTNT230316002
Date of issue	April 14, 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: admin@ctnt-cert.com Web: www.ctnt-cert.com
Applicant's name	CHENGDU JRT METER TECHNOLOGY CO., LTD
Address	5 / F, Building 1A, Jingrong Hui, Tianfu Fifth Street, High-tech Zone, Chengdu
Manufacturer's name	CHENGDU JRT METER TECHNOLOGY CO., LTD
Address	5 / F, Building 1A, Jingrong Hui, Tianfu Fifth Street, High-tech Zone, Chengdu
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.</p> <p>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	Laser ranging module
Trade Mark	N/A
Model/Type reference	Test model: B87A. Additional model: BA6A, C5B, U85B, U81, M703A, M88B, MB2A, BB2D, JCJM, S93, S95, M93, M95, B93, B95, BC93, BC95, U81L, U85L, BA9DA, MB2D, S90, M90, B90, M88B6, M703A4, BA6AA, M88B4, SC90, SC95, SC93, MC90, MC95, MC93, BC90, CB95, BC93, C81, U81B, BA9D.
Ratings	2.5-3.3V =

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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)..... :	Rock Zhou	
Reviewed By(Supervisor).....:	Airan Lu	
Approved by(Chief Engineer).....:	Flight Lee	
List of Attachments (including a total number of pages in each attachment):		
<ul style="list-style-type: none"> - Photo document - Test data graph 		
Summary of testing:		
Tests performed (name of test and test clause):	Testing location:	
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.	Shenzhen Zhongwei Testing Technology Co., Ltd.	
According to the test of IEC 60825-1	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Safety of laser products – Part 1:	Tel: 086-755-28680489	
Equipment classification and requirements.	E-mail: admin@ctnt-cert.com	
This product complied with the requirements of Class 2.	Web: www.ctnt-cert.com	
Test item particulars..... :		
Supply Connection.....: DC power supply		
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.....: March 16, 2023		
Date (s) of performance of tests.....: March 27, 2023		

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