

TEST REPORT

REPORT NO.: CTNT2411040220101



Product name : Laser control unit

Model No : XJ-PRT-4-P500

Applicant : Guangzhou XianJi Aotomation Engineering Co.,Ltd.

Test procedure : Type 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.....: CTNT2411040220101

Date of issue.....: November 7, 2024

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
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Applicant's name.....: Guangzhou XianJi Aotomation Engineering Co.,Ltd.

Address.....: Room 1111.No.132-1,Dongfeng West Road,Yuexiu
Distric,Guangzhou.

Manufacturer's name.....: Guangzhou XianJi Aotomation Engineering Co.,Ltd.

Address.....: Room 1111.No.132-1,Dongfeng West Road,Yuexiu
Distric,Guangzhou.

Test specification:

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

Test procedure.....: Type Test

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

Test Report Form No.....: IEC60825_1G

Test Report Form(s) Originator.....: OVE

Master TRF.....: Dated 2021-10-05

General disclaimer:

The test results presented in this report relate only to the object tested.

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Test item description.....: Laser control unit

Trademark.....: N/A

Model/Type reference.....: XJ-PRT-4-P500

Ratings.....: 24V  0.3A 5W

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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).....:	East Zheng	<i>East Zheng</i>
Reviewed by (Supervisor).....:	Oliver Long	<i>Oliver Long</i>
Approved by (Chief Engineer).....:	Flight Lee	<i>Flight Lee</i>
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 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@cntnt-cert.com Web: www.cntnt-cert.com	
Test item particulars.....:		
Classification of installation and use:	stationary	
Supply Connection.....:	Appliance coupler	
laser Class as defined in 3.44 and 3.18 through 3.24 of IEC 60825-1:2014.....:	Class 1	
laser output (power or energy).....:	See below	
Accessories and detachable parts included in the evaluation	N/A	
Options included	N/A	

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