

TEST REPORT



REPORT NO:CTNT2411280050101R

Product name: Distance Laser Sensor

Model No.: LXTLV100EX232Q

Applicant: Banner Electronics (Suzhou) 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.....: CTNT2411280050101R

Date of issue.....: February 13, 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@cnt-cert.com
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Applicant's name.....: Banner Electronics (Suzhou) Co., LTD.

Address.....: No.6. Heshun Road, North of Loufeng Suzhou Industry Park. Jianqsu
Province, P.P China

Manufacturer's name.....: Banner Electronics (Suzhou) Co., LTD.

Address.....: No.6. Heshun Road, North of Loufeng Suzhou Industry Park. Jianqsu
Province, P.P China

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:	Distance Laser Sensor		
Trademark:	BANNER		
Model/Type reference:	LXTLV100EX232Q, LXTLV100XSSIQ, LXTLV100X485Q, LXTLV100X422Q, LXTLV100XSSIHQ, LXTLV100X485HQ, LXTLV100X422HQ, LXTLV100EX232HQ, LXTLV200XSSIQ, LXTLV200X485Q, LXTLV200X422Q, LXTLV200EX232Q, LXTLV200XSSIHQ, LXTLV200X485HQ, LXTLV200X422HQ, LXTLV200EX232HQ, LXTLV300XSSIQ, LXTLV300X485Q, LXTLV300X422Q, LXTLV300EX232Q, LXTLV300XSSIHQ, LXTLV300X485HQ, LXTLV300X422HQ, LXTLV300EX232HQ		
Ratings:	24V $\overline{=}$ 300mA		
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):	Test Meng		
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 IEC 60825-1 Safety of laser products – Part 1 Equipment classification and requirements. This product complied with the requirements of Class 2.		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@cnt-cert.com Web: www.cnt-cert.com	
Test item particulars:			
Classification of installation and use:		transportable / portable / stationary / mobile / fixed / permanently installed / hand-held	

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