



Test Report issued under the responsibility of:



TEST REPORT
IEC 60825-1
Safety of laser products -
Part 1: Equipment classification and requirements

Report Number.....: CN219YCI 001
Date of issue.....: 2021-06-16
Total number of pages.....: 25

Name of Testing Laboratory TÜV Rheinland Shanghai Co., Ltd.
preparing the Report.....: No.177, 178, Lane 777 West Guangzhong Road, Jing'an District,
Shanghai, China

Applicant's name .....: Hesai Technology Co., Ltd.
Address .....: No.2 Building, No.468 Xinlai Road, Jiading District, Shanghai, P.R.
China

Test specification:
Standard.....: IEC 60825-1:2014
Test procedure .....: CB Scheme
Non-standard test method .....: N/A

Test Report Form No. ....: IEC60825\_1F
Test Report Form(s) Originator ....: OVE
Master TRF.....: Dated 2019-10-14

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The test results presented in this report relate only to the object tested.
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<b>Test item description</b> .....	Rangefinder	
<b>Trade Mark</b> .....		
<b>Original Product/Equipment Manufacturer</b> .....	Same as applicant	
<b>Branding Manufacturer(s)</b> .....	--	
<b>Model/Type reference</b> .....	XT32M2X	
<b>Ratings</b> .....	Electrical Rating: 9-36Vdc; 10W (typ.) Wavelength: 905 nm(typ.) Classification: Class 1 Laser Product Protection class: Class III	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/> <b>CB Testing Laboratory:</b>	TÜV Rheinland Shanghai Co., Ltd.	
<b>Testing location/ address</b> .....	No.177, 178, Lane 777 West Guangzhong Road, Jing'an District, Shanghai, China	
<b>Tested by (name, function, signature)</b> .....	Project handler: Roy Chen	
<b>Approved by (name, function, signature)</b> ..	Reviewer: Vic Xin	
<input type="checkbox"/> <b>Testing procedure: CTF Stage 1:</b>	N/A	
<b>Testing location/ address</b> .....		
<b>Tested by (name, function, signature)</b> .....		
<b>Approved by (name, function, signature)</b> ..		
<input type="checkbox"/> <b>Testing procedure: CTF Stage 2:</b>	N/A	
<b>Testing location/ address</b> .....		
<b>Tested by (name + signature)</b> .....		
<b>Witnessed by (name, function, signature)</b> .:		
<b>Approved by (name, function, signature)</b> ..:		
<input type="checkbox"/> <b>Testing procedure: CTF Stage 3:</b>	N/A	
<input type="checkbox"/> <b>Testing procedure: CTF Stage 4:</b>	N/A	
<b>Testing location/ address</b> .....		
<b>Tested by (name, function, signature)</b> .....		
<b>Witnessed by (name, function, signature)</b> .:		
<b>Approved by (name, function, signature)</b> ..:		
<b>Supervised by (name, function, signature)</b> :		

<p><b>List of Attachments (including a total number of pages in each attachment):</b>  ATTACHMENT - National Difference (3 pages)  ATTACHMENT - Photo document (2 pages)  List of Attachments shall include a total number of pages in each attachment.</p>	
<p><b>Summary of testing:</b>  Test conclusion: Class 1 Laser product.</p>	
<p><b>Tests performed (name of test and test clause):</b>  All applicable test clauses</p>	<p><b>Testing location:</b>  TÜV Rheinland Shanghai Co., Ltd.  No.177, 178, Lane 777 West Guangzhong Road,  Jing'an District, Shanghai, China</p>
<p><b>Summary of compliance with National Differences:</b>  CA  Explanation of used codes:  CA=Canada;  Note(s):  Counties outside the CB Scheme membership may also accept this report.  *No National Differences Declared</p> <p><input checked="" type="checkbox"/> <b>The product fulfils the requirements of</b>  IEC 60825-1:2014 and EN 60825-1:2014.</p>	
<p><b>Statement concerning the uncertainty of the measurement systems used for the tests</b>  <input type="checkbox"/> <b>Internal procedure used for type testing through which traceability of the measuring uncertainty has been established:</b>  <b>Procedure number, issue date and title:</b>  Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.</p> <p><input checked="" type="checkbox"/> <b>Statement not required by the standard used for type testing</b></p> <p>(Note: When IEC or ISO standard requires a statement concerning the uncertainty of the measurement systems used for tests, this should be reported above. The informative text in parenthesis should be delete in both cases after selecting the applicable option)</p>	