Test Report issued under the responsibility of:

TEST REPORT
IEC 62368-1
Audio/video, information and communication technology equipment
Part 1: Safety requirements

Report Number ..... :	SHES230801503203-M2
Date of issue ..... :	2023-09-15, Amendment 1: 2024-08-01, Amendment 2: 2025-07-28
Total number of pages ..... :	19 pages
Name of Testing Laboratory preparing the Report ..... :	SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Applicant's name ..... :	Hangzhou Hikvision Digital Technology Co., Ltd.
Address ..... :	No. 555 Qianmo Road, Binjiang District, Hangzhou 310052, China
Test specification:	
Standard ..... :	IEC 62368-1:2014
Test procedure ..... :	CB Scheme
Non-standard test method ..... :	N/A
TRF template used ..... :	IECEE OD-2020-F1:2021, Ed.1.4
Test Report Form No. ..... :	IEC62368_1D
Test Report Form(s) Originator .. :	UL(US)
Master TRF ..... :	Dated 2022-04-14

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
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Test Item description ..... :		Interactive Flat Panel	
Trade Mark(s) ..... :		HIKVISION	
Manufacturer..... :		Same as applicant	
Model/Type reference ..... :		See page 8-9	
Ratings ..... :		100V - 240V a.c., 50/60Hz, 5,0 A; Class I	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
☒	**CB Testing Laboratory:**	SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.	
Testing location/ address .....:		588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China.	
Tested by (name, function, signature) .....:		Leo Wang Project Engineer	
Approved by (name, function, signature) .....:		Emilien Li Reviewer	
☐	**Testing procedure: CTF Stage 1:**		
Testing location/ address ..... :			
Tested by (name, function, signature) .....:			
Approved by (name, function, signature) .....:			
☐	**Testing procedure: CTF Stage 2:**		
Testing location/ address .....:			
Tested by (name, function, signature) .....:			
Witnessed by (name, function, signature).....:			
Approved by (name, function, signature) .....:			
☐	**Testing procedure: CTF Stage 3 :**		
☐	**Testing procedure: CTF Stage 4:**		
Testing location/ address .....:			
Tested by (name, function, signature) .....:			
Witnessed by (name, function, signature).....:			
Approved by (name, function, signature) .....:			
Supervised by (name, function, signature) .....:			

List of Attachments (including a total number of pages in each attachment):

N/A

Summary of testing:

The sample(s) tested complies with the requirements of IEC 62368-1: 2014 (Second Edition) and EN 62368-1:2014+A11:2017.

Unless otherwise specified, the EUT with model DS-D5C75RB/B were selected as representative model for full testing.

EUT operation under maximum normal load:

EUT operated under mode with 1/8 of max. non-clipping output power with 1 kHz sine wave signal input, and Each USB 2.0 port: 0,5A, each USB 3.0 port: 0,9A and LCD maximum brightness.

Heating test:

Tma = 50°C (declared by manufacturer)

K-type thermocouple used for temperature measurement.

Tests performed (name of test and test clause):	**Testing location:**
☒ 4. General requirements ☒ Annex B. Normal operating condition tests, abnormal operating condition tests and single fault condition tests	SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China.

Summary of compliance with National Differences (List of countries addressed):

1. EU Group Differences (EN 62368-1:2014+A11:2017)
2. EU Special National Conditions, EU A-deviations: DE, DK, FI, GB, IE, NO, SE

Explanation of used codes: DE=Germany, DK=Denmark, FI=Finland, GB= United Kingdom, IE=Ireland, NO=Norway, SE=Sweden

☒ **The product fulfils the above requirements of EN 62368-1:2014+A11:2017.**

Use of uncertainty of measurement for decisions on conformity (decision rule):

☒ No decision rule is specified by the IEC standard, when comparing the measurement result with the applicable limit according to the specification in that standard, The decisions on conformity are made without applying the measurement uncertainty (“simple acceptance” decision rule, previously known as “accuracy method”),

☐ Other:… (to be specified, for example when required by the standard or client, or if national accreditation requirements apply)

Information on uncertainty of measurement:

The uncertainties of measurement are calculated by the laboratory based on application of criteria given by OD-5014 for test equipment and application of test methods, decision sheets and operational procedures of IECEE,

IEC Guide 115 provides guidance on the application of measurement uncertainty principles and applying the decision rule when reporting test results within IECEE scheme, noting that the reporting of the measurement uncertainty for measurements is not necessary unless required by the test standard or customer,

Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

Marking for model DS-D5C75RB/B

Remark:

1) The Height of CE logo shall not be less than 5 mm; Height of WEEE logo shall not be less than 7 mm.

2) The marking plates for other models are of the same pattern except for model name.

3) As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or registered trade mark and the postal address will be marked on the products before being placed on the market. The contact details shall be in a language easily understood by end-users and market surveillance authorities.

TEST ITEM PARTICULARS:	
Classification of use by ..... :	☒ Ordinary person ☒ Instructed person ☒ Skilled person ☒ Children likely to be present
Supply Connection ..... :	☒ AC Mains ☐ DC Mains ☐ External Circuit - not Mains connected -☐ ES1 ☐ ES2 ☐ ES3
Supply % Tolerance ..... :	☒ +10%/-10% ☐ +20%/-15% ☐ other:
Supply Connection – Type ..... :	☒ pluggable equipment type A - ☐ non-detachable supply cord ☒ appliance coupler ☐ direct plug-in ☐ mating connector ☐ pluggable equipment type B - ☐ non-detachable supply cord ☐ appliance coupler ☐ permanent connection ☐ mating connector ☐ other: not directly connected to mains
Considered current rating of protective device as part of building or equipment installation..... :	16 A; 20A Installation location: ☒ building; ☐ equipment
Equipment mobility..... :	☐ movable ☐ hand-held ☐ transportable ☒ stationary ☐ for building-in ☐ direct plug-in ☐ rack-mounting ☒ wall-mounted
Over voltage category (OVC) ..... :	☐ OVC I ☒ OVC II ☐ OVC III ☐ OVC IV ☐ other:
Class of equipment ..... :	☒ Class I ☐ Class II ☐ Class III ☐ Class II with functional earthing ☐ Not classifed
Access location ..... :	☐ restricted access location ☒ N/A
Pollution degree (PD) ..... :	☐ PD 1 ☒ PD 2 ☐ PD 3
Manufacturer's specified maxium operating ambient ..... :	50 °C
IP protection class ..... :	☒ IPX0 ☐
Power Systems ..... :	☒ TN ☒ TT ☐ IT - V L-L ☐ dc mains ☐ N/A
Altitude during operation (m) ..... :	☒ 2000 m or less ☐ m
Altitude of test laboratory (m) ..... :	☒ 2000 m or less ☐ m

Mass of equipment (kg) ..... :	☐: (<=1kg); ☐: (without HDD) (<=7kg); ☐: (>7kg, <=25kg); ☒: 45,2kg (>25kg)
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)
Testing ..... :	
Date of receipt of test item ..... :	2025-07-16
Date (s) of performance of tests ..... :	2025-07-16 to 2025-07-17
General remarks:	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. **Throughout this report a ☒ comma / ☐ point is used as the decimal separator.** This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.	
Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided ..... :	☐ Yes ☒Not applicable
When differences exist; they shall be identified in the General product information section.	
Name and address of factory (ies)..... :	Hangzhou Hikvision Electronics Co., Ltd. No.299, Qiushi Road, Tonglu Economic Development Zone, Tonglu County, Hangzhou, Zhejiang, 311500, China
General product information and other remarks:	
Product Description –	

Functions	The equipment under test is a Class I Interactive Flat Panel which powered by certified built-in power supply.
Material of enclosure	Metal & Glass & Plastic
Others	Indoor use only

Model list:

DS-D5C75RB/A	DS-D5C75RB/B	DS-D5C75RB/C
DS-D5C75RB/D	DS-D5C75RB/E	DS-D5C75RD/A
DS-D5C75RD/B	DS-D5C75RD/C	DS-D5C75RD/D
DS-D5C75RD/E	DS-D5C75RO/A	DS-D5C75RO/B
DS-D5C75RO/C	DS-D5C75RO/D	DS-D5C75RO/E
DS-D5C75RG/A	DS-D5C75RG/B	DS-D5C75RG/C
DS-D5C75RG/D	DS-D5C75RG/E	DS-D5C75RM/A
DS-D5C75RM/B	DS-D5C75RM/C	DS-D5C75RM/D
DS-D5C75RM/E	DS-D5C75RB/A Pro	DS-D5C75RB/B Pro
DS-D5C75RB/C Pro	DS-D5C75RB/D Pro	DS-D5C75RB/E Pro
DS-D5C75RD/A Pro	DS-D5C75RD/B Pro	DS-D5C75RD/C Pro
DS-D5C75RD/D Pro	DS-D5C75RD/E Pro	DS-D5C75RO/A Pro
DS-D5C75RO/B Pro	DS-D5C75RO/C Pro	DS-D5C75RO/D Pro
DS-D5C75RO/E Pro	DS-D5C75RG/A Pro	DS-D5C75RG/B Pro
DS-D5C75RG/C Pro	DS-D5C75RG/D Pro	DS-D5C75RG/E Pro
DS-D5C75RM/A Pro	DS-D5C75RM/B Pro	DS-D5C75RM/C Pro
DS-D5C75RM/D Pro	DS-D5C75RM/E Pro	DS-D5C75RB/A Lite
DS-D5C75RB/B Lite	DS-D5C75RB/C Lite	DS-D5C75RB/D Lite
DS-D5C75RB/E Lite	DS-D5C75RD/A Lite	DS-D5C75RD/B Lite
DS-D5C75RD/C Lite	DS-D5C75RD/D Lite	DS-D5C75RD/E Lite
DS-D5C75RO/A Lite	DS-D5C75RO/B Lite	DS-D5C75RO/C Lite
DS-D5C75RO/D Lite	DS-D5C75RO/E Lite	DS-D5C75RG/A Lite
DS-D5C75RG/B Lite	DS-D5C75RG/C Lite	DS-D5C75RG/D Lite
DS-D5C75RG/E Lite	DS-D5C75RM/A Lite	DS-D5C75RM/B Lite
DS-D5C75RM/C Lite	DS-D5C75RM/D Lite	DS-D5C75RM/E Lite
DS-D5C75RB/ZC	DS-D5C75RD/ZC	DS-D5C75XX/ZC
DS-D5C75FD/AO	DS-D5C75FD/AP	DS-D5C75FB/AO
DS-D5C75FB/AP	DS-D5C75FD/A	DS-D5C75FB/A
DS-D5C75FD/BO	DS-D5C75FD/BP	DS-D5C75FB/BO
DS-D5C75FB/BP	DS-D5C75FD/B	DS-D5C75FB/B
DS-D5D75RB/A	DS-D5D75RB/B	DS-D5D75RB/C
DS-D5D75RB/D	DS-D5D75RB/E	DS-D5D75RD/A
DS-D5D75RD/B	DS-D5D75RD/C	DS-D5D75RD/D
DS-D5D75RD/E	DS-D5D75RO/A	DS-D5D75RO/B
DS-D5D75RO/C	DS-D5D75RO/D	DS-D5D75RO/E
DS-D5D75RG/A	DS-D5D75RG/B	DS-D5D75RG/C
DS-D5D75RG/D	DS-D5D75RG/E	DS-D5D75RM/A
DS-D5D75RM/B	DS-D5D75RM/C	DS-D5D75RM/D
DS-D5D75RM/E	DS-D5D75RB/A Pro	DS-D5D75RB/B Pro
DS-D5D75RB/C Pro	DS-D5D75RB/D Pro	DS-D5D75RB/E Pro
DS-D5D75RD/A Pro	DS-D5D75RD/B Pro	DS-D5D75RD/C Pro
DS-D5D75RD/D Pro	DS-D5D75RD/E Pro	DS-D5D75RO/A Pro
DS-D5D75RO/B Pro	DS-D5D75RO/C Pro	DS-D5D75RO/D Pro
DS-D5D75RO/E Pro	DS-D5D75RG/A Pro	DS-D5D75RG/B Pro
DS-D5D75RG/C Pro	DS-D5D75RG/D Pro	DS-D5D75RG/E Pro
DS-D5D75RM/A Pro	DS-D5D75RM/B Pro	DS-D5D75RM/C Pro
DS-D5D75RM/D Pro	DS-D5D75RM/E Pro	DS-D5D75RB/ZC
DS-D5D75RD/ZC	DS-D5D75XX/ZC	DS-D5D75FD/AO
DS-D5D75FD/AP	DS-D5D75FB/AO	DS-D5D75FB/AP
DS-D5D75FD/A	DS-D5D75FB/A	DS-D5D75FD/BO

DS-D5D75FD/BP	DS-D5D75FB/BO	DS-D5D75FB/BP
DS-D5D75FD/B	DS-D5D75FB/B	DS-D5X75XX/X
DS-D5X75XX/XX	DS-D5XXXXX/X	DS-D5XXXXX/XX
(“X” stand for A-Z, 0-9 or blank)		

Remark: Model name with /B/D/BO/BP has camera, model name with /A/C/E/ZC/AO/AP has not.

Amendment 1 Report:

The original Test Report Ref. SHES230801503201, dated on 2023-09-15 was modified to include following changes and/or additions:

- Remove power line from critical components list, please see photo attachment and table 4.1.2.

After comparison, no additional test was considered necessary.

Amendment 2 Report:

The original Test Report Ref. SHES230801503201, dated on 2023-09-15 and SHES230801503202-M1, dated on 2024-08-01 was modified to include following changes and/or additions:

- Add an alternative screen and display module, please see table 4.1.2.
- Remove two factories, Hangzhou Hikvision Technology Co., Ltd. and Chongqing Hikvision technology Co., Ltd.

After evaluation, CL B.2.5 test was considered necessary on model DS-D5C75RB/B. The power has not increased, so no other tests are required.

This test report is not valid without the original CB Test Report Ref. SHES230801503201, dated on 2023-09-15 and SHES230801503202-M1, dated on 2024-08-01.

Model Differences –

All the models are identical except for model name and whether have camera.

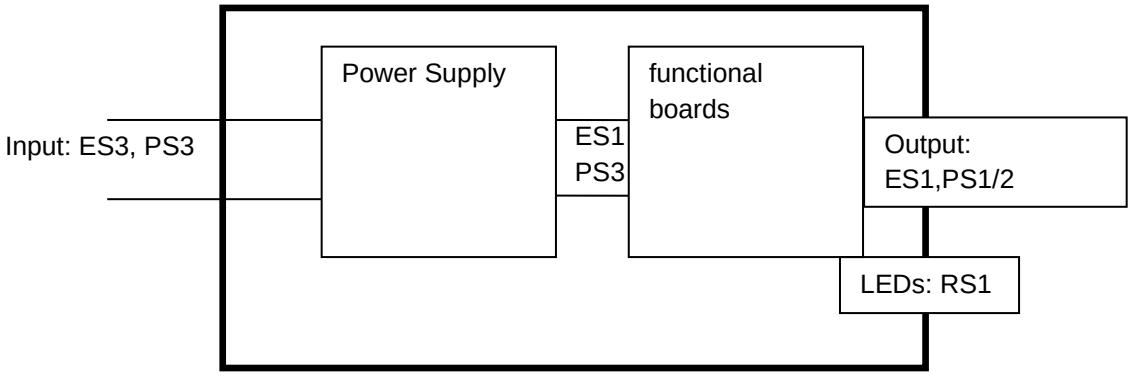
Additional application considerations – (Considerations used to test a component or sub-assembly) –

N/A

ENERGY SOURCE IDENTIFICATION AND CLASSIFICATION TABLE:	
(Note 1: Identify the following six (6) energy source forms based on the origin of the energy.) (Note 2: The identified classification e.g., ES2, TS1, should be with respect to its ability to cause pain or injury on the body or its ability to ignite a combustible material. Any energy source can be declared Class 3 as a worse case classification e.g. PS3, ES3.	
Electrically-caused injury (Clause 5): (Note: Identify type of source, list sub-assembly or circuit designation and corresponding energy source classification) Example: +5 V dc input ES1	
Source of electrical energy	**Corresponding classification (ES)**
Primary circuit	ES3
Internal circuit except primary circuit	ES1
All accessible parts	ES1
Electrically-caused fire (Clause 6): (Note: List sub-assembly or circuit designation and corresponding energy source classification) Example: Battery pack (maximum 85 watts): PS2	
Source of power or PIS	**Corresponding classification (PS)**
Power input	PS3
All internal circuits	PS3
Type-C Output port	PS2
Output port except Type-C	PS1
Injury caused by hazardous substances (Clause 7) (Note: Specify hazardous chemicals, whether produces ozone or other chemical construction not addressed as part of the component evaluation.) Example: Liquid in filled component Glycol	
Source of hazardous substances	**Corresponding chemical**
--	--
Source of kinetic/mechanical energy	**Corresponding classification (MS)**
Sharp edges and corners	MS1
Equipment mass	MS3
Wall-mounted	MS3
Thermal burn injury (Clause 9) (Note: Identify the surface or support, and corresponding energy source classification based on type of part, location, operating temperature and contact time in Table 38.) Example: Hand-held scanner – thermoplastic enclosure TS1	
Source of thermal energy	**Corresponding classification (TS)**
All accessible parts	TS1
Radiation (Clause 10) (Note: List the types of radiation present in the product and the corresponding energy source classification.) Example: DVD – Class 1 Laser Product RS1	
Type of radiation	**Corresponding classification (RS)**
LEDs only as indicator	RS1

ENERGY SOURCE DIAGRAM

Indicate which energy sources are included in the energy source diagram. Insert diagram below



Enclosure: ES1, MS1, TS1
Mass: MS3; Wall-mounted: MS3

■ **ES** ■ **PS** ■ **MS** ■ **TS** ■ **RS**

OVERVIEW OF EMPLOYED SAFEGUARDS				
Clause	**Possible Hazard**			
5.1	Electrically-caused injury			
Body Part (e.g. Ordinary)	Energy Source (ES3: Primary Filter circuit)	Safeguards		
		Basic	Supplementary	Reinforced (Enclosure)
Ordinary person	ES3: Power input	Basic Insulation	Protective Earthing	-
Ordinary person	ES1: Internal circuit except primary circuit	N/A	N/A	N/A
Ordinary person	ES1: All accessible parts	N/A	N/A	N/A
6.1	Electrically-caused fire			
Material part (e.g. mouse enclosure)	Energy Source (PS2: 100 Watt circuit)	Safeguards		
		Basic	Supplementary	Reinforced
Internal combustible materials	PS3: Internal circuits	1. No ignition occurred. 2. No parts exceeding 90% of its spontaneous ignition temperature. 3. combustible material outside fire enclosure is of min HB	1. PCB is of min V-1 material 2. All other components were mounted on min V-1 PCB or of min V-2 or small parts of combustible material less than 4g. 3. Fire enclosure provided	N/A
Type-C Output	PS2	1. No ignition occurred. 2. No parts exceeding 90% of its spontaneous ignition temperature. 3. combustible material outside fire	1. PCB is of min V-1 material 2. All other components were mounted on min V-1 PCB or of min V-2 or small parts of combustible	N/A

		enclosure is of min HB	material less than 4g.	
Output except Type-C	PS1	N/A	N/A	N/A
7.1	Injury caused by hazardous substances			
Body Part (e.g., skilled)	Energy Source (hazardous material)	Safeguards		
		Basic	Supplementary	Reinforced
N/A	N/A	N/A	N/A	N/A
8.1	Mechanically-caused injury			
Body Part (e.g. Ordinary)	Energy Source (MS3:High Pressure Lamp)	Safeguards		
		Basic	Supplementary	Reinforced (Enclosure)
Ordinary person	MS1: Sharp edges and corners	N/A	N/A	N/A
Ordinary person	MS3: Equipment mass	N/A	N/A	Comply with Cl 8.6
Ordinary person	MS3: Wall-mounted	N/A	N/A	Comply with Cl 8.7
9.1	Thermal Burn			
Body Part (e.g., Ordinary)	Energy Source (TS2)	Safeguards		
		Basic	Supplementary	Reinforced
Ordinary person	TS1: Accessible parts	N/A	N/A	N/A
10.1	Radiation			
Body Part (e.g., Ordinary)	Energy Source (Output from audio port)	Safeguards		
		Basic	Supplementary	Reinforced
Ordinary person	RS1: LEDs only as indicator	N/A	N/A	N/A
Supplementary Information:				
(1) See attached energy source diagram for additional details. (2) “N” – Normal Condition; “A” – Abnormal Condition; “S” Single Fault				

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict
4	**GENERAL REQUIREMENTS**		P
4.1.1	Acceptance of materials, components and subassemblies		P
4.1.2	Use of components		P
B	**NORMAL OPERATING CONDITION TESTS, ABNORMAL OPERATING CONDITION TESTS AND SINGLE FAULT CONDITION TESTS**		P
B.2	Normal Operating Conditions		P
B.2.1	General requirements..... :	(See Test Item Particulars and appended test tables)	P
	Audio Amplifiers and equipment with audio amplifiers ..... :	(See Annex E)	P
B.2.3	Supply voltage and tolerances		P
B.2.5	Input test..... :	(See appended table B.2.5)	P

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Clause	Requirement + Test	Result - Remark	Verdict

4.1.2	TABLE: List of critical components				P
Object / part No.	**Manufacturer/ trademark**	**Type / model**	**Technical data**	**Standard**	**Mark(s) of conformity[1]**
Metal enclosure	Interchangeable	Interchangeable	Min.0,6 mm thickness	IEC 62368-1: 2014 EN 62368-1:2014+ A11:2017	Tested with appliance
Glass enclosure	Interchangeable	Interchangeable	Min.1,32 mm thickness	IEC 62368-1: 2014 EN 62368-1:2014+ A11:2017	Tested with appliance
Screen	Shenzhen China Star Optoelectronics Semiconductor Display Technology Co.Ltd	SG7461D02-3	75 inch	IEC 62368-1: 2014 EN 62368-1:2014+ A11:2017	Tested with appliance
Alternative	Isolution technologies Co.,Ltd.	X75HV07-G06A	75 inch	IEC 62368-1: 2014 EN 62368-1:2014+ A11:2017	Tested with appliance
Alternative	**Hefei BOE Display TECHNOLOGY CO., LTD**	**UV750QUB-N9D**	**75 inch**	**IEC 62368-1: 2014 EN 62368-1:2014+ A11:2017**	**Tested with appliance**
Display module	**Hangzhou Hikvision Digital Technology Co., Ltd.**	**HKMZ75**	**75 inch**	**IEC 62368-1: 2014 EN 62368-1:2014+ A11:2017**	**Tested with appliance**
Plastic enclosure (Photosensitive light guide-5D)	Covestro Deutschland AG [PC Resins]	2807+(z)(f1)	1,69 mm, V-2, 115°C	UL 94 UL746	UL E41613
Switch	LECI Electronics Co., Ltd.	RS601 Series	6A, 250VAC, 10E3	DIN EN 61058-1(VDE 0630-1): 2008-09; EN 61058-1: 2002 +A2:2008 IEC 61058-1 (ed.2); am1; am2	VDE 40017430
OPS wire	HONG KONG DONG TIAN TONG LI ELECTRICITY CO LTD	1015	18AWG, 600V, 105°C	UL 758	UL E254854
Alternative	Interchangeable	Interchangeable	18AWG, 600V, 105°C	UL 758	UL
FFC wire	Hehui Electronics Co Ltd	2896	18AWG, 30V, 80°C	UL 758	UL E248682

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Clause	Requirement + Test	Result - Remark	Verdict

Alternative	Interchangeable	Interchangeable	18AWG, 30V, 80°C	UL 758	UL
Main board lead wire	Kunshan Xinghongmeng Electronic Co Ltd	1015	18AWG, 600V, 105°C	UL 758	UL E315421
Alternative	XINYA ELECTRONIC CO LTD	1015	18AWG, 600V, 105°C	UL 758	UL E170689
Alternative	Henan CARVE Electronics Polytron Technologies Inc	1015	18AWG, 600V, 105°C	UL 758	UL E346485
Alternative	Interchangeable	Interchangeable	18AWG, 600V, 105°C	UL 758	UL
Building-in Power Supply Unit	Shenzhen MEGMEET Electrical Co.,Ltd.	MP516SM-8P44-HK	Input: 100 – 240 V; 50/60Hz; 8A Max; Class II; Output: V12(+12VDC, 7,5A); V18(+18VDC,2A); V18P(+18VDC, 5A); V18T(+18VDC, 4A); LED(110-136VDC, ⩽1,48A)	IEC 62368-1 : 2018	CQC CB Cert: CN57776-M1; Report: SMQ-225860-M1
Mylar sheet	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR1365, TS-FR1363, TS-FR1360, TS-FR1362, TS-FR160Y, TS-FR1370F, TS-FR1370, TS-FR1383, TSFR1370-32, TS-FR1383-13	V-0, Min. thickness 0,4mm, 125°C	UL 94 UL 746	UL E329660
IC current limiter (for USB ports)	Richtek Technology Corp.	RT9742..G.	2,7V to 6V, O/P: 3A/2,5A/2A/1,5A/1A/0,5A, 70mΩ/55mΩ (typ.) N-MOSFET Switch	IEC 62368-1:2014 (Second Edition)	Nemko CB Cert No.: NO109777; Report No.: 382012
Speaker (Right)	TREFAN	20YX42155-01R	8±1,2 at 140Hz 1Vrms Sine Wave for AC, 7,2±0,4Ω for DC 12W	IEC 62368-1: 2014 (Second Edition), EN 62368-1:2014+A11:2017	Tested with appliance

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict

Speaker (Left)	TREFAN	20YX42155-01L	8±1,2 at 140Hz 1Vrms Sine Wave for AC, 7,2±0,4Ω for DC 12W	IEC 62368-1: 2014 (Second Edition), EN 62368-1:2014+ A11:2017	Tested with appliance
Speaker (bass)	DONGGUAN NEW SUNLINK ELECTRONIC CO., LTD	X00150W-003	4Ω ±15%	IEC 62368-1: 2014 (Second Edition), EN 62368-1:2014+A11:2017	Tested with appliance
PCB	Shenzhen Xunjiexing Technology Co Ltd	JX02	V-0, 130°C	UL796 UL94	UL E305654
Alternative	SHENZHEN KINWONG ELECTRONIC CO LTD	8B	V-0, 130°C	UL796 UL94	UL E243951
Alternative	SHENZHEN MANKUN ELECTRONICS CO LTD	MK-D	V-0, 130°C	UL796 UL94	UL E248237
Alternative	GUANGZHOU FAST-PRINT CIRCUIT TECHNOLOGY CO LTD	M11	V-0, 130°C	UL796 UL94	UL E204460
Alternative	HUIZHOU CHINA EAGLE ELECTRONIC TECHNOLOGY CO LTD	CA-F121	V-0, 130°C	UL796 UL94	UL E198681
Alternative	SUNSHINE GLOBAL CIRCUITS CO LTD	SS-3	V-0, 130°C	UL796 UL94	UL E229342
Alternative	WENZHOU OULONG ELECTRIC CO LTD	OL-D	V-0, 130°C	UL796 UL94	UL E231017
Alternative	SUNTAK MULTILAYER PCB CO LTD	STM-5	V-0, 130°C	UL796 UL94	UL E207844
Alternative	Interchangeable	Interchangeable	V-1 or better, 130°C	UL796 UL94	UL
Internal Wiring	Interchangeable	Interchangeable	Marked VW-1, Min.80°C, Min. 30V.	--	--
Earthing Screw	Interchangeable	Interchangeable	Screw type, Min. Ø3,5mm	IEC 62368-1:2014	Tested with equipment

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict

Supplementary information:

1) Provided evidence ensures the agreed level of compliance. See OD-CB2039.

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict

B.2.5	TABLE: Input test							P
U (V)	Hz	I (A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition/status
90	50	3,7	--	329,93	--	F1	3,7	Maximum normal load Maximum brightness USB load 0,9A
100	50	3,31	--	327,28	--	F1	3,31	
240	50	1,38	5,0	318,49	--	F1	1,38	
264	50	1,31	5,0	318,51	--	F1	1,31	
90	60	3,7	5,0	329,92	--	F1	3,7	
100	60	3,32	5,0	327,31	--	F1	3,32	
240	60	1,39	--	319,19	--	F1	1,39	
264	60	1,29	--	318,58	--	F1	1,29	
Supplementary information:								
Equipment may be have rated current or rated power or both. Both should be measured								

- - - End of Report - - -