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中国认可  
国际互认  
检测  
TESTING  
CNAS L0462

# TEST REPORT

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Product Name : Digital Video Recorder

Type and Specification : DS-MP9608,DS-MP7608,DS-MP7608H, DS-MP9608H,  
DS-MPX608/YY/ZZ

Test Category : Entrusted Test

Factory : Hangzhou Hikvision Technology Co., Ltd.

Client: Hangzhou Hikvision Digital Technology Co., Ltd.



China Electronic Product Reliability And  
Environmental Testing Research Institute

China CEPREI Laboratory



# TEST REPORT

Report reference No .....	N1812CR8888-00535-Y
Total number of pages.....	61
Test item description .....	Digital Video Recorder
Trademark .....	/
Model and/or type reference .....	DS-MP9608,DS-MP7608,DS-MP7608H, DS-MP9608H, DS-MPX608/YY/ZZ
Factory's Name .....	Hangzhou Hikvision Technology Co., Ltd.
Address .....	No.700,Dongliu Road, Binjiang District, Hangzhou Ctiy, Zhejiang, 310052, China
Client's Name .....	Hangzhou Hikvision Digital Technology Co., Ltd.
Address .....	No.555 Qianmo Road, Binjiang District, Hangzhou 310052, China
Testing Laboratory Name .....	China CEPREI Laboratory/ China Electronic Product Reliability and Environmental Testing Research Institute
Address .....	No.110 Dongguanhuang Rd., Tianhe District,Guangzhou, Guangdong, 510610, China
Testing location .....	China CEPREI Laboratory
Test specification	
Standard.....	EN 50155:2017*;EN 50121-3-2:2016;IEC 60068-2-1:2007;IEC 60068-2-2:2007;IEC 60068-2-30:2005;IEC 61373:2010; IEC 60068-2-11:1981
Test category .....	Entrusted Test
Number of test item.....	1
Date of receipt of test item .....	2018.12.17
Date(s) of performance of test.....	2018. 12.17-2019.01.31
Ambient Condition.....	(15~35)°C, (45~75%)RH, (86~106) kPa
Test Instruments and Equipment.....	See Equipment List of This Report.
<b>Summary of Testing and Conclusions</b>	
PASS.	
<b>Explanation</b>	
The standard with "*" is not covered by CNAS and CMA.	
Tested by (printed name and signature).....	Wang Weifeng(王卫峰) 
Reviewed by (printed name and signature).....	Zhao Haozhi(赵浩之)  Yu Haitao (余海涛)  Zhou Maoyang (周茂杨)
Approved by (printed name and signature).....	Yang Lin (杨林) 
Date of issue.....	2019.02.25

<b>Test case verdicts</b>	
Test case does not apply to the test object.....:	N
Test item does meet the requirement(Pass).....:	PASS
Test item does not meet the requirement(Fail).....:	F
<b>General remarks</b>	
<ol style="list-style-type: none"> <li>1. Report without "specific stamp" of inspection organization or the authority will be regarded as invalid.</li> <li>2. Duplicated report without original "specific stamp" of inspection organization or the authority will be regarded as invalid.</li> <li>3. Report without the signatures of Tester, Reviewer or Approval will be regarded as invalid.</li> <li>4. Test report if altered will be regarded as invalid.</li> <li>5. Any dispute about the report must be submitted to inspection organization within 15 days upon report received, it will be rejected if out of the period.</li> <li>6. Generally, the entrusted test only responsible for the samples.</li> </ol>	
<b>General product information:</b>	
<p>The models of entrusted test:DS-MP9608,DS-MP7608,DS-MP7608H, DS-MP9608H, DS-MPX608/YY/ZZ. Only because of different regions of export, the model naming rules are different. Other aspects are all the same. The tests carried out on the model DS-MP7608H.</p>	
<b>Testing Laboratory Contact Info:</b>	
<p><b>China CEPREI Laboratory/ China Electronic Product Reliability and Environmental Testing Research Institute</b>  <b>Address: 1) No.110 Dongguanzhuang Rd., Tianhe District, Guangzhou, Guangdong, 510610, China</b>  <b>Postcode: 510610</b>  <b>Address: 2) No.46 Tianhui Rd., TianheDistrict,Guangzhou, Guangdong, China</b>  <b>Postcode: 510663</b>  <b>TEL: +86-20-85131111</b>  <b>FAX: +86-20-87236171, +86-20-85131313</b>  <b>Technical Consultant: +86-20-87237178, +86-20-37896611</b>  <b>Business Contact: +86-20-87237177,market@ceprei.biz</b>  <b>Enquiry: +86-20-87237150, +86-20-85131123,info@ceprei.biz</b>  <b>Complaint: +86-20-87237622, +86-20-87236789,qic@ceprei.biz</b></p>	

## Visual inspection, Performance test, Insulation test and Power supply test List / Test summary

Test Item	Performance Criteria	Standard	Test Level	Result
Visual inspection	/	EN 50155:2017	/	PASS
Performance test	/	EN 50155:2017	/	PASS
Insulation measurement test	/	EN 50155:2017	500VDC	PASS
Voltage withstand test	/	EN 50155:2017	500V AC/50Hz, 1min	PASS
DC Power Supply Range	/	EN 50155:2017	Minimum continuous voltage:0.7Un Maximum continuous voltage:1.25Un	PASS
Temporary Supply Overvoltages	A	EN 50155:2017	1.4Un,lasting no more than 0.1s	PASS
	B		1.4Un,lasting no more than 1s	PASS
Temporary Supply Dips	A	EN 50155:2017	0.6Un,not exceeding 0.1s	PASS
Interruptions of Voltage Supply	A	EN 50155:2017	Break 10ms at Un	PASS
Supply change-over	A	EN 50155:2017	0.6Un,during 100ms	PASS
	B		Break 30ms at Un	PASS

## EMC Test List / Test summary

<b>Electromagnetic Emissions</b>				
Test Item		Class	Standard	Result
Conducted Emission at mains terminals (0.15-30MHz)		/	EN 50121-3-2:2016	PASS
Total Harmonic Distortion		/	EN 50121-3-2:2016	N
Radiated Emission(30-1000MHz)		/	EN 50121-3-2:2016	PASS
Radiated Emission(1GHz-6GHz)		/	EN 50121-3-2:2016	PASS
<b>Electromagnetic Immunity</b>				
Test Item	Performance Criteria	Standard	Test Level	Result
Electrical Fast Transient/Burst Immunity	A	EN 50121-3-2:2016	± 2kV Peak 5/50nsTr/Th 5kHz Repetition frequency	PASS
Radio-frequency Electromagnetic Fields Immunity	A	EN 50121-3-2:2016	80-800 MHz 20 V/m(r.m.s) unmodulated carrier 80 % AM,1kHz	PASS
Radio-frequency Electromagnetic Field,from Digital Mobile Telephones Immunity	A	EN 50121-3-2:2016	800-1000 MHz,20 V/m(r.m.s); 1400-2000 MHz,10 V/m(r.m.s); 2000-2700 MHz,5 V/m(r.m.s); 5100-6000 MHz,3 V/m(r.m.s); unmodulated carrier 80 % AM,1kHz	PASS
Radio-frequency Conducted Disturbance Immunity	A	EN 50121-3-2:2016	0.15-80 MHz 10 V(r.m.s) unmodulated carrier 80 % AM,1kHz	PASS
Surge Immunity	B	EN 50121-3-2:2016	1.2/50 μ s ± 1kV(line to line) ± 2kV(line to earth)	PASS
Electrostatic Discharge Immunity	B	EN 50121-3-2:2016	± 6 kV(Contactdischarge) ± 8 kV(Air discharge)	PASS

## Environment Test List / Test summary

The following standards have been applied to ensure the product conforms to the protection requirements of the client.

<b>Environment Standards</b>			
<b>Test Item</b>	<b>Standard</b>	<b>Test Level</b>	<b>Result</b>
Low temperature start-up test	IEC 60068-2-1:2007	-25°C, 2h	PASS
Dry heat test	IEC 60068-2-2:2007	70°C, 6h; 85°C, 10min	PASS
Low temperature storage test	IEC 60068-2-1:2007	-40°C, 16h	PASS
Cyclic damp heat test	IEC 60068-2-30:2005	Temperature: +55°C and +25°C; Number of cycle: 2; Time: 2 × 24 hours;	PASS
Functional random vibration test	IEC 61373:2010	X:10min, Y:10min, Z:10min;	PASS
Simulated long life testing	IEC 61373:2010	X:5h, Y: 5h, Z: 5h;	PASS
Shock testing	IEC 61373:2010	3times / axis, total 18 times	PASS
Salt Mist Test	IEC 60068-2-11:1981	48h	PASS