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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 : Network Camera

Type and Specification : DS-2XM6122FWD-I; DS-2XM6112FWD-I

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 . . . . .	N1611CR8888-00343-Y
Total number of pages . . . . .	28
Test item description . . . . .	Network Camera
Trademark . . . . .	/
Model and/or type reference . . . . .	DS-2XM6122FWD-I
Factory's Name . . . . .	Hangzhou Hikvision Technology Co.,Ltd.
Address . . . . .	No. 700 Dongliu Road, Binjiang District, Hangzhou 310052,Zhejiang , China
Client's Name . . . . .	Hangzhou Hikvision Digital Technology Co., Ltd.
Address . . . . .	No. 555 Qianmo Road, Binjiang District, Hangzhou 310052,Zhejiang , 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 . . . . .	EN50121-4:2006;
Test category . . . . .	Entrusted Test
Number of test item . . . . .	1
Date of receipt of test item . . . . .	2016.11.23
Date(s) of performance of test . . . . .	2016.11.23-2016.12.16
Ambient Condition . . . . .	15~35°C, 45~75%RH, 86~106Kpa
Test Instruments and Equipment . . . . .	See Equipment List of This Report.
<b>Summary of Testing and Conclusions</b>	
PASS.	
Tested by (printed name and signature) . . . . .	Wang Weifeng(王卫锋)
Reviewed by (printed name and signature) . . . . .	Yu Haitao (余海涛)
Approved by (printed name and signature) . . . . .	Yang Lin (杨林)
Date of issue . . . . .	2016.12.29



<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-2XM6122FWD-I, DS-2XM6112FWD-I. Description of the difference between the product models: in addition to the resolution is different, other aspects are all the same. The tests carried out on the model DS-2XM6122FWD-I.</p>	
<b>Testing Laboratory Contact Info:</b>	
<p><b>China CEPREI Laboratory/ China Electronic Product Reliability and Environmental Testing Research Institute</b>  <b>Address: No.110 Dongguanhuang Rd., Tianhe District,Guangzhou, Guangdong, 510610, China</b>  <b>Post: P.O.Box1501-07,Guangzhou</b>  <b>Postcode: 510610</b>  <b>TEL: +86-20-85131111</b>  <b>FAX: +86-20-87236171, +86-20-85131313</b>  <b>Technical Consultant: +86-20-85131285, +86-20-85131260</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>	

## EMC Standards Compliance List / Test summary

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

<b>Electromagnetic Emissions</b>				
Test Item	Class	Standard	Result	
Conducted Emission at mains terminals (0.15-30MHz)	/	EN50121-4:2006	PASS	
Radiated Emission(30-1000MHz)	/	EN50121-4:2006	PASS	
<b>Electromagnetic Immunity</b>				
Test Item	Performance Criteria	Standard	Test Level	Result
Electrical Fast Transient/Burst Immunity	A	EN50121-4:2006	± 2kV Peak 5/50ns Tr/Th 5kHz Repetition frequency	PASS
Radio-frequency Electromagnetic Fields Immunity	A	EN50121-4:2006	80-1000 MHz, 10 V/m(r.m.s) unmodulated carrier 80 % AM, 1kHz	PASS
Radio-frequency Electromagnetic Field, from Digital Mobile Telephones Immunity	A	EN50121-4:2006	800-1000 MHz, 20 V/m(r.m.s) 1400-2100 MHz, 10 V/m(r.m.s) 2100-2500 MHz, 5 V/m(r.m.s) unmodulated carrier 80 % AM, 1kHz	PASS
Radio-frequency Conducted Disturbance Immunity	A	EN50121-4:2006	0.15-80 MHz 10 V(r.m.s) unmodulated carrier 80 % AM, 1kHz	PASS
Surge Immunity	B	EN50121-4:2006	1.2/50 $\mu$ s ± 1kV(line to line) ± 2kV(line to earth)	PASS
Electrostatic Discharge Immunity	B	EN50121-4:2006	± 6 kV(Contact discharge) ± 8 kV(Air discharge)	PASS
Power-frequency Magnetic Field Immunity	A	EN50121-4:2006	16.7 Hz, 50 Hz, 0 Hz 300A/m	PASS
Pulsed Magnetic Field Immunity	B	EN50121-4:2006	300A/m	PASS