Cerpass Technology(Suzhou) Co., Ltd.

Doc NO: APTZ series

APTZ Series PTZ Dome Camera IPX6 Test Report

(Rev. A)

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Controlled Status:	Confidential		

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Revision History

NO	Description Of Change	Issued	Revision	Author	Checked	Approved
		Date			Ву	Ву
1	Initial Release	2014-09-17	A	Zeng	Jeffery	Fenglei
				Zhou	Gu	Liu

Distribution Object

NO	Distribute Department	Сору	Remark
		quantity	
1	R&D-SD-BU	1	
2	PQA	1	
3	Market	1	
4			
5			
6			
7			
8			
9			

1 Announce:

The test report is only responsible for the test samples; if have any issues and suggestions about the test report, please kindly feedback to the department in change of distributed report in 5 working days.

2 Purpose:

This test is performed to verify the DH-SD59XXX Series model product can waterproof under outdoor installed condition.

3 Scope:

The test should compliance the IPX6 level of the GB4208-2008/IEC60529 standard defined IP code;

The test condition is applied to the product of protection provided by enclosure and outdoor environment condition used. It can is only single test, also it should be a test item of the reliability test.

4 Apply list information:

Commissioned Department: R&D-SD

BU Test Model: APTZ20Z30-M-POE

Applied Date: 2014/09/05

Completed Date: 2014/09/16

5 Compliance model information

The DH-SD59XXX series of product model defined can compliance with test DH-SD59 model for have as same as ID and mechanical.

6 Test condition:

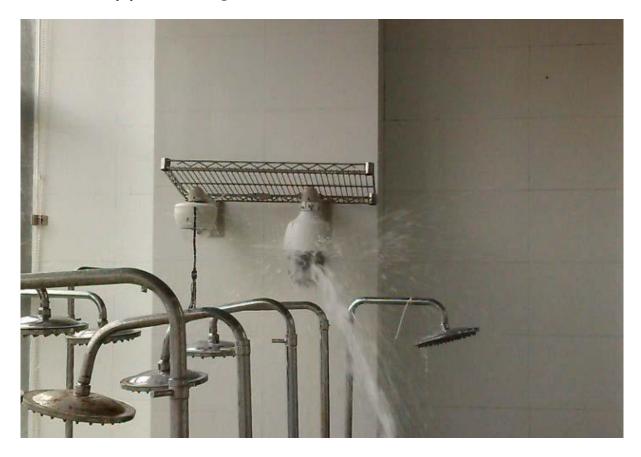
Must be do the 6 sets IPX6 waterproof test.

7 Test installed condition and Configuration:

6.1 DUT information

Test item and condition	Remark	Model	Serial N.O
IPX6		APTZ20Z30-M-POE	1#,2#,#3,#4,#5,#6

6.2 DUT set up picture during the IPX6 test



IPX6 Test Photo

6.3 Test requirement:

Have not any water into the product enclosure after the IPX6 test.

8 Waterproof test

8.1 IPX6 Test

8.1.1 Test equipments information

The IPX6 Equipment information:

Test equipment	Serial number	The period of
Name		validity
Strong flush test equipment	IPX6-JL-2	2015-05-09

The water sprays equipment information:

The internal diameter of nozzle: 12.5mm

The water meter: (95-105) L/min

The water pressure meter: 0.12MP

(EN 60529 IPX6) specifications

8.1.2 The Lab environment conditions record:

Lab temperature:25℃

Relative humidity: RH48%

8.1.3 References standard:

References standard: GB4208-2008/IEC60529:2001 degrees of protection provided by enclosure (IP code)

8.1.4 Test conditions

Test condition: IPX6 (standard defined)

Shut down the power of the equipment before test;

Water flow: $100L \pm 5L/minute$;

Water pressure: adjust the water flow according to rules;

Test time: each face is 4 minutes; all faces total times are 16 minutes;

The distance between the nozzles to the surface of the product: 2.7m.

8.1.5 Test result:

2 sets (test model: APTZ20Z30-M-POE) after the IPX6 waterproof test for mechanical check, have not any water into the product.

The baseline function check is normal after waterproof check

9 Test Result: Pass

10 Suggestions:

N/A.

11 Reference document:

《 ZL 069 EST environment test procedure》

12 Apply list:

《Protection provided by enclosure IPXX test apply list》

