



TEST REPORT

KCTL Inc. 52-20, Sinjeong-ro 41 beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do 446-599, Korea Tel : 82-31-326-6700 Fax : 82-505-299-8311 www.kctl.co.kr	Report No.: KR17-YYP0306-A Page (1) of (9)	
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1. Client

◦ Name : Hanwha Techwin Co.,Ltd

◦ Address : 1204, Changwon-daero, Seongsan-gu, Changwon-si,
Gyeongsangnam-do, Korea

◦ Date of Receipt : 2016-06-15

2. Use of Report : For Quality evaluation

3. Name of Product and Model : Network Camera /
PNP-9200RH* (N: NTSC/P: PAL)

4. Manufacturer and Country of Origin : Hanwha Techwin Co., Ltd / Korea

5. Date of Test : 2016-06-22

6. Test method used : IEC 62262: 2002 (IK 10)

7. Test Results : Refer to the test result in the test report

Affirmation	Written by Name: Youngmin Jang (Signature)	Technical Manager Name : Kyunghoon Ahn (Signature)
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2017-08-03

KCTL Inc.

As a test result of the sample which was submitted from the client, this report does not guarantee the whole product quality. This test report should not be used and copied without a written agreement by KCTL Inc.

REPORT REVISION HISTORY

Date	Revision	Page No
2016-06-23	Originally issued (KCTL-1602861)	-
2017-08-02	Add Serise models	4
2017-08-03	Add Serise model	4

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1. Test Laboratory

1.1 General

Name of Test Laboratory	KCTL INC.
Address	52-20, Sinjeong-ro 41 beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do 446-599, Korea
TEL	82 31-326-6700
FAX	82 505-299-8311
Home page	www.kctl.co.kr

1.2 Certificate of Designated Testing Laboratory

Mark.	Registration No.
NRRA	KR0040
KOLAS	No. KT231
IEC(CB-Scheme)	TL512
TUV-SUD	CARAT 15 08 93040 001
VCCI Council	R-3327, C-3706, T-1849, G-198
DSP Research, Inc.	G039
FCC	Test Firm Registration No. 687132
INDUSTRY CANADA	Company Address Code: 8035A

2. Product (EUT)

2.1 Specification

Division	Specification
Product Name	Network Camera
Model Name	PNP-9200RH* (N: NTSC / P: PAL)
Series model	XNP-6370RH*, XNP-6320RH*, XNP-6330RH*, QNP-6230RH*, HCP-6370RH*, XNP-8330RH*, HCP-6320RH*, XNP-6371RH* (*N: NTSC / P: PAL)

- The basic model and series models are identical Hardware
- The model PNP-9200RH*(*N: NTSC / P: PAL) was conducted tests representatively.

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2.2 Product Photograph



[Front]



[Rear]

3. Test Method and Result

3.1 IK10 Impacts Test

3.1.1 Test Equipment

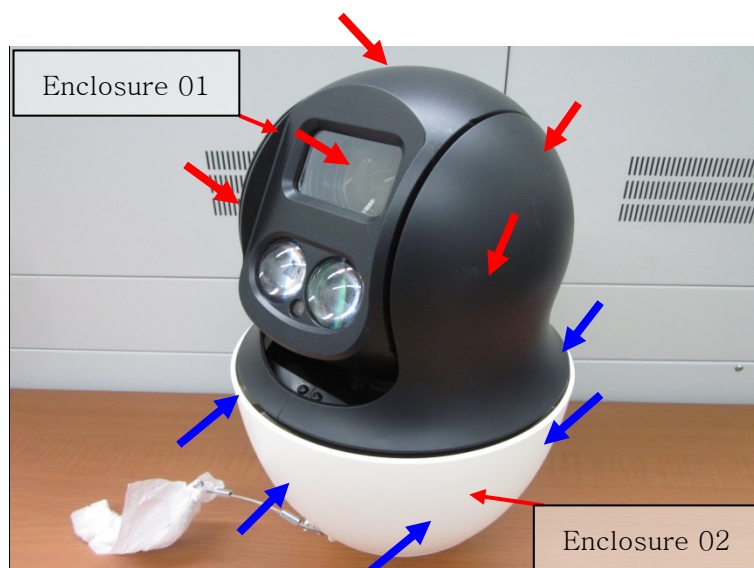
Instrument description	Model	Manufacturer	Due Cal
20J Impact Element	N/A	CERTIS	2016-12-05
Measuring Tape	3.5 m	Komelon	2018-07-07
Electronic Balance	DB-150	CAS	2016-10-02
Pendulum Hammer	N/A	N/A	N/A

3.1.2 Date of test / Environment of test

- 1) 2016-06-22
- 2) Temperature(15 ~ 35) °C, Relative Humidity(25 ~ 75) % R.H., Air pressure(86 ~ 106) kPa

3.1.3 Test Conditions

- 1) Test method used: IEC 62262: 2002 (IK 10)
- 2) Energy: 20 J
- 3) Mass: 5.0 kg
- 4) Height: 400 mm
- 5) Pretreatment: None
- 6) Location and number of impact: Enclosure01: 5 impact, Enclosure02: 5 impacts



3.1.4 Test Criteria

- 1) Visual inspection after impact test (Damage, crack, separation occur)
- 2) Protected against access to hazardous parts

3.1.5 Test Results

Check List	Test Result
1. Window part - Visual inspection after impact test (Damage, crack, separation occur) - Protected against access to hazardous parts 2. Enclosure part - Visual inspection after impact test (Damage, crack, separation occur) - Protected against access to hazardous parts	No abnormal was found (Refer to 3.1.7)

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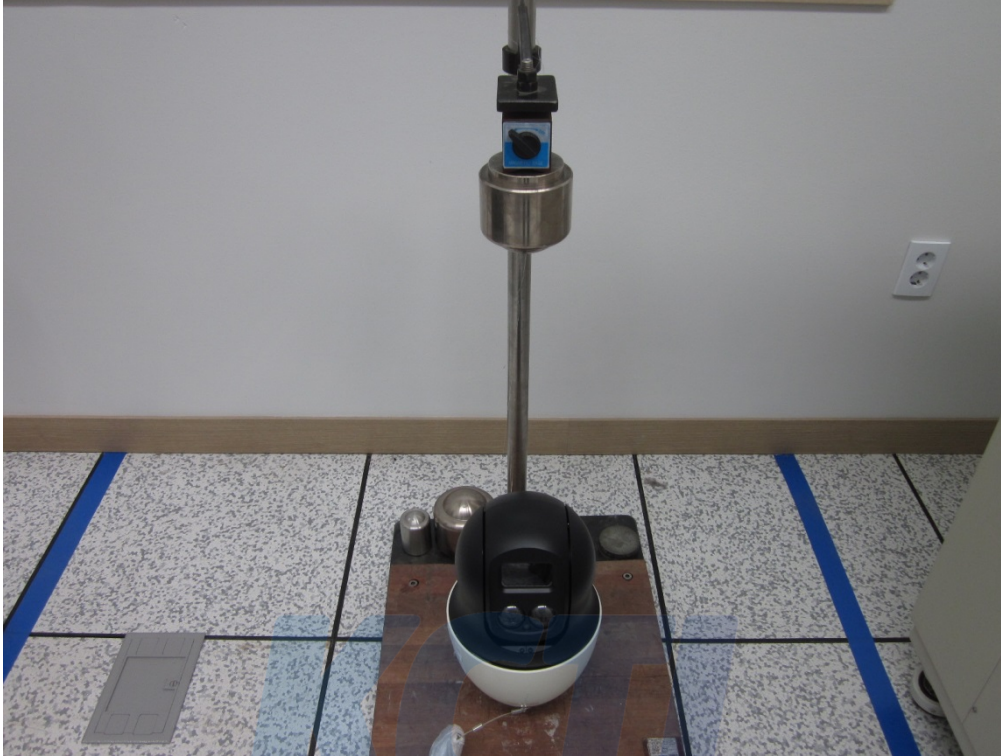
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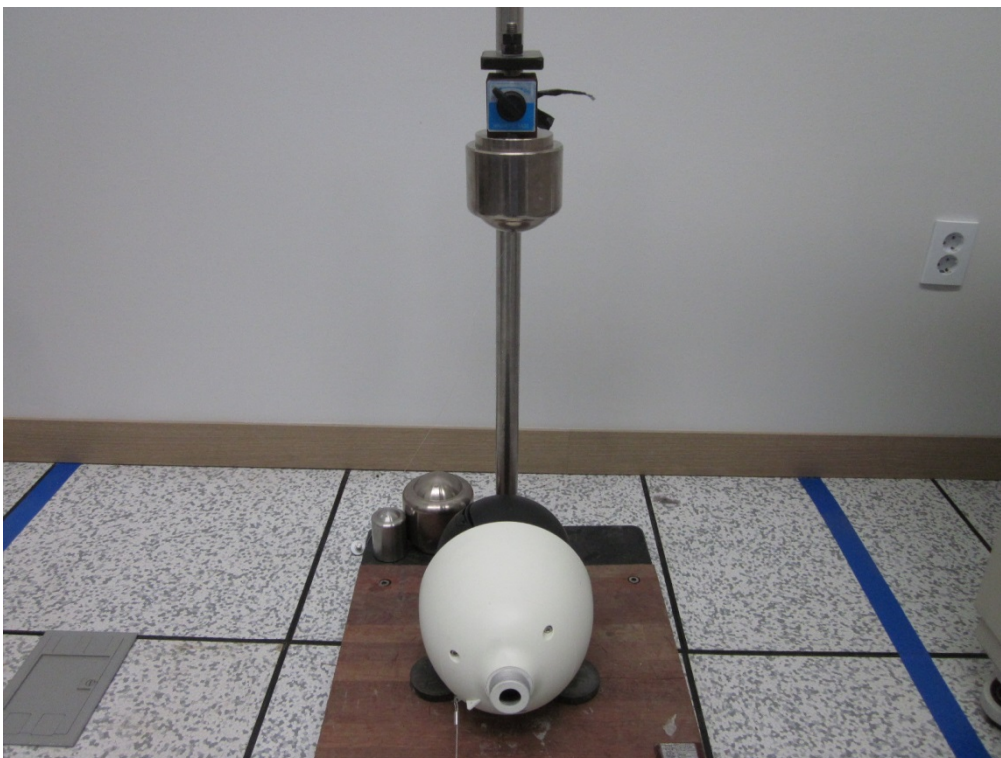
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3.1.6 TEST Photograph



[During the test_Enclosure 01]



[During the test_Enclosure 02]

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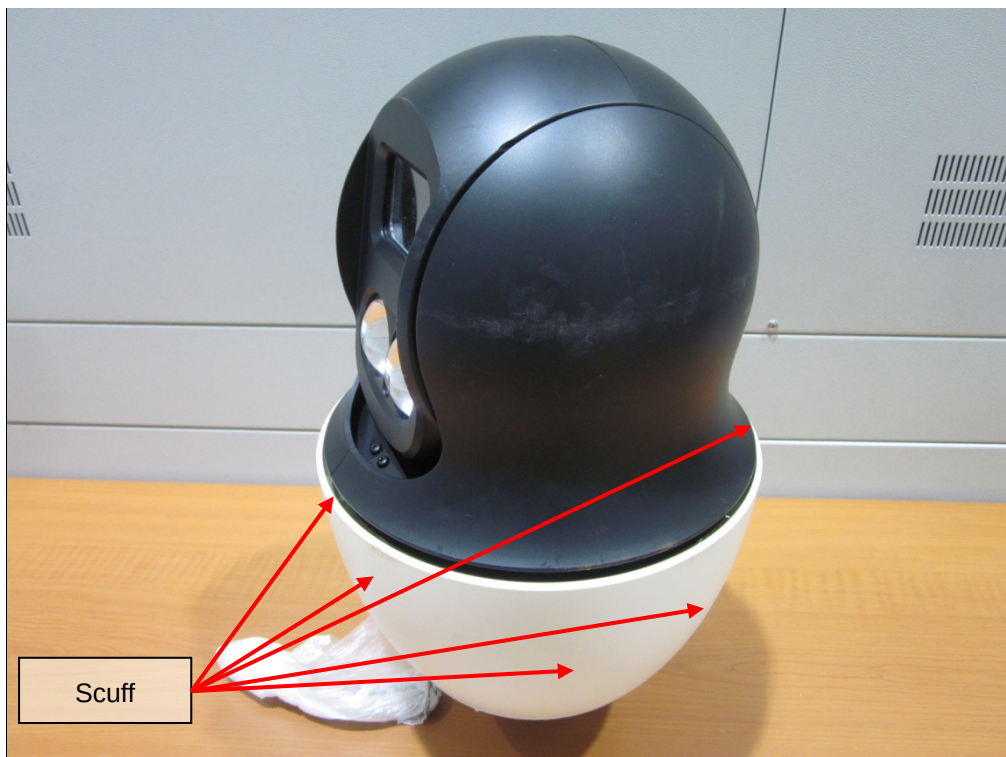
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3.1.7 Test Result Photograph



[Test result confirmation_ Enclosure 01]



[Test result confirmation_ Enclosure 02]