TEST REPORT

Report Ref. No.	14EMC-RT-1223
Date of issue	2014-05-19
Applicant	
○ Name	Samsung Techwin Co., Ltd.
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Factory	
○ Name	TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONIC CO., LTD
○ Address	No.11 Weiliu Road. Micro-Electronic Industrial Park Jingang Road Tianjin 300385, China
Equipment	
○ Product	Network Camera
○ Model	SCV-5082N, SCV-5082P, SCV-5083N, SCV-5083P
Standard	IEC 62262 and IEC 60068-2-75
Technician	Hyunwook, Song
Approved	Jaekyu, Lee

1. Reference Documents

IEC 62262 and IEC 60068-2-75
Degrees of protection provided by enclosure for electrical equipment against external mechanical impacts (IK code)

2. Test Performed

Degree of protection provided by enclosure for external impacts IK10

3. General Test Conditions

Tamb: 26 ℃ RH: 32 %

4. Test Conditions

According to standard IEC 62262 and IEC 60068-2-75
The verification of IK10 has been done positioning the enclosure on a rigid support.
5 impacts have been applied on each surface in sight with the enclosure.
For the test used Pendulum Hammer

IK10 (Characteristrics of impact test):

Energy: 20 Joule
Mass: 5 kg
High Δ h: 400 mm

5. Drop Zones:

The areas that were focused upon for this impact test are as follows:

6. Test Results

Drop Zone: Enclosure		
Drop #	**Orientation / Results**	**Pass / Fail**
Drop 1	Normal to surface of enclosure. Scuff	Pass
Drop 2	Normal to surface of enclosure, about 90° circumferentially from previous drop. Scuff	Pass
Drop 3	Normal to surface of enclosure, about 90° circumferentially from previous drop. Scuff	Pass
Drop 4	Normal to surface of enclosure, about 90° circumferentially from previous drop. Scuff	Pass
Drop 5	Normal to surface of enclosure, about 90° circumferentially from previous drop. Scuff	Pass

Drop Zone: Window		
Drop #	**Orientation / Results**	**Pass / Fail**
Drop 1	Vertical drop onto center of Window. Scuff	Pass
Drop 2	Normal to surface of side Window. Scuff	Pass
Drop 3	Normal to surface of side Window, about 90° circumferentially from previous drop. Scuff	Pass
Drop 4	Normal to surface of side Window, about 90° circumferentially from previous drop. Scuff	Pass
Drop 5	Normal to surface of side Window, about 90° circumferentially from previous drop. Scuff	Pass

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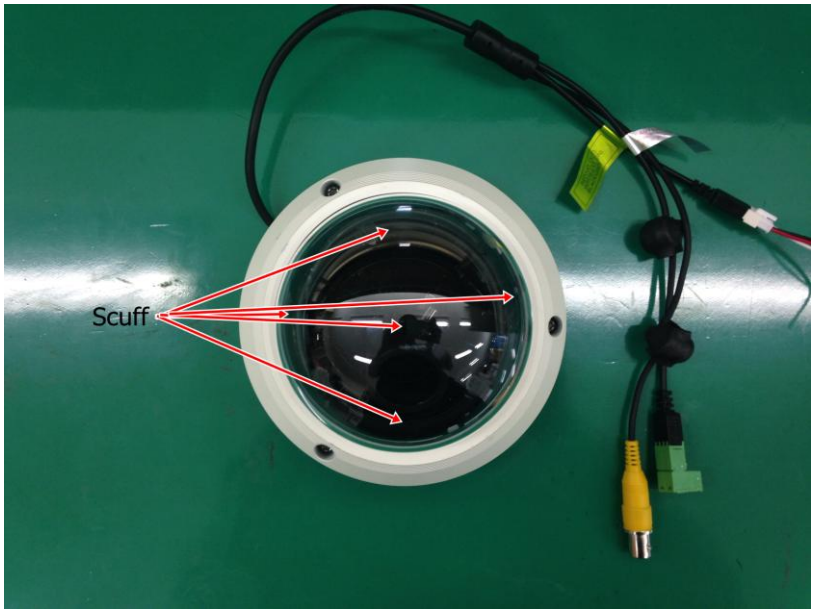
7. Images



Conclusion:

After testing according to the procedure set forth by IEC 62262, model SCV-5082N, SCV-5082P, SCV-5083N, SCV-5083P was found to meet the criteria required for an IK10 specification.