

## TEST REPORT

**Report Ref. No.** 12EMC-RT-0458

**Date of issue** 2012-08-30

**Applicant**

- Name SAMSUNG TECHWIN CO., LTD.
- Address 42, Sungju-dong, Changwon-si, Kyungsangnam-do, 641-716  
REPUBLIC OF KOREA

**Factory**

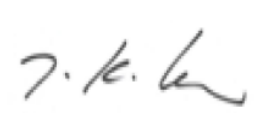
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- Address 42, Sungju-dong, Changwon-si, Kyungsangnam-do, 641-716  
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**Equipment**

- Product CCTV CAMERA
- Model SCP-2370RHN, SCP-2370RHP, SNP-6200RHN, SNP-6200RHP

**Standard** IEC 62262 and IEC 60068-2-75

**Technician** Kwang Ho, Lee 

**Approved** Jae Kyu, 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 °C

R.H: 43 %

## 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 (Characteristics of impact test):

Energy: 20 Joule

Mass: 5 kg

High  $\Delta$  h: 400 mm

## 5. Drop Zones:

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

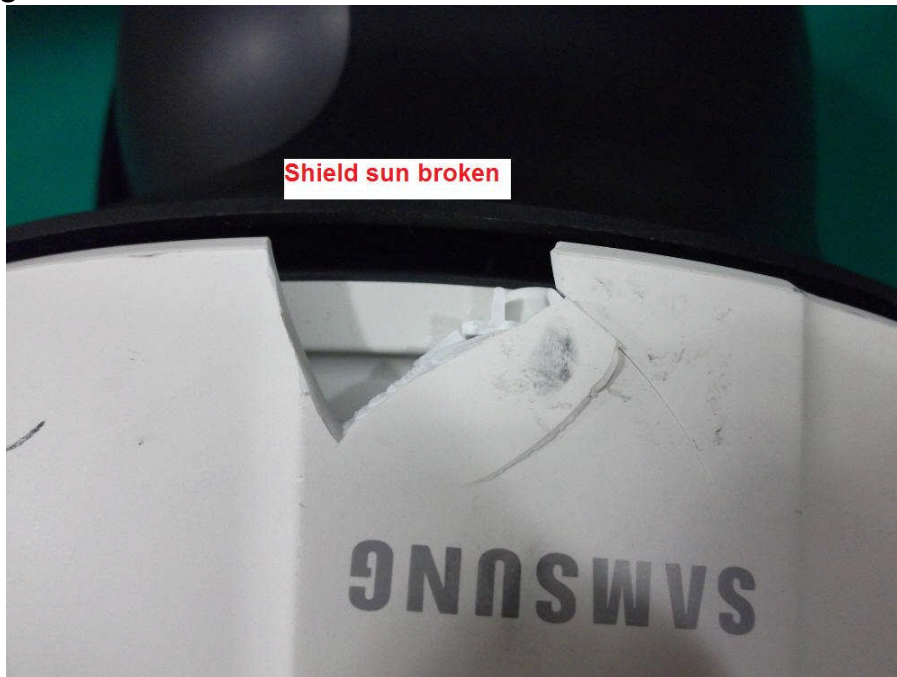


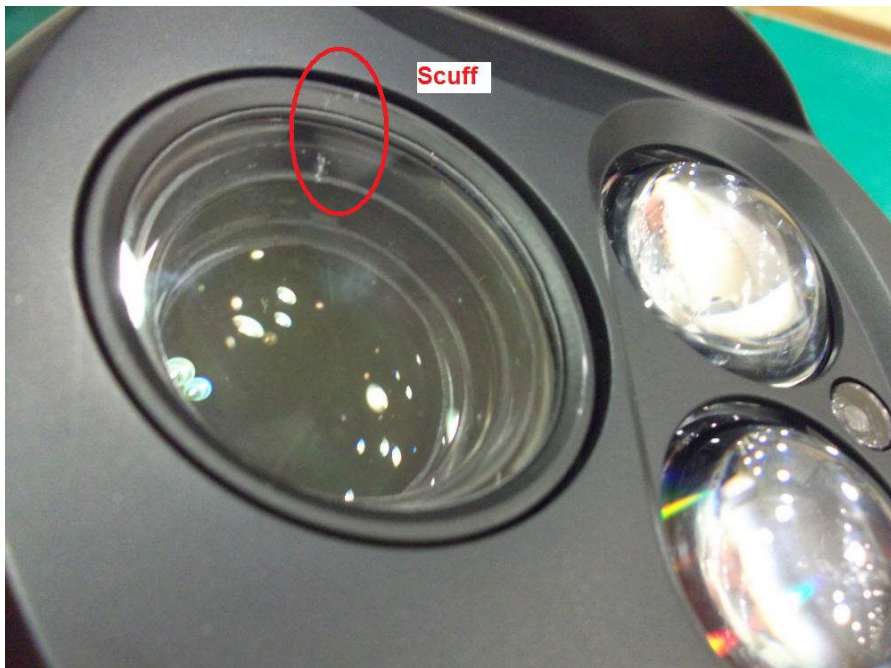
## 6. Test Results

| Drop Zone: Enclosure (Shield-sun) |                                                                                                   |             |
|-----------------------------------|---------------------------------------------------------------------------------------------------|-------------|
| Drop #                            | Orientation / Results                                                                             | Pass / Fail |
| Drop 1                            | Normal to surface of Shield-sun, Broken                                                           | Pass        |
| Drop 2                            | Normal to surface of Shield-sun, about 90° circumferentially from previous drop, Screw cover open | Pass        |
| Drop 3                            | Normal to surface of Shield-sun, about 90° circumferentially from previous drop, Scuff            | Pass        |
| Drop 4                            | Normal to surface of Shield-sun, about 90° circumferentially from previous drop, Scuff            | Pass        |
| Drop 5                            | Normal to surface of Shield-sun, about 90° circumferentially from previous drop, Scuff            | Pass        |

| Drop Zone: Enclosure (Head and Cover-dome in) |                                                                                        |             |
|-----------------------------------------------|----------------------------------------------------------------------------------------|-------------|
| Drop #                                        | Orientation / Results                                                                  | Pass / Fail |
| Drop 1                                        | Vertical drop onto center of lens, Scuff                                               | Pass        |
| Drop 2                                        | Normal to surface of Head cover, Scuff                                                 | Pass        |
| Drop 3                                        | Normal to surface of Head cover, about 90° circumferentially from previous drop, Scuff | Pass        |
| Drop 4                                        | Normal to surface of Head cover, about 90° circumferentially from previous drop, Scuff | Pass        |
| Drop 5                                        | Normal to surface of Cover-dome in, Scuff                                              | Pass        |

## 7. Images











### Conclusion:

After testing according to the procedure set forth by IEC 62262, the SCP-2370RHN, SCP-2370RHP, SNP-6200RHN and SNP-6200RHP was found to meet the criteria required for an IK10 specification.