

## TEST REPORT

**Report Ref. No.** 13EMC-RT-0874

**Date of issue** 2013-07-16

**Applicant**

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**Factory**

- Name TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONIC CO., LTD
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**Equipment**

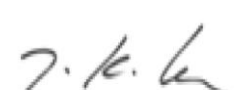
- Product Network Camera
- Model SNV-6084R\*, SNV-7084R\*, SNV-6084\*, SNV-7084\*, SNV-5084\*, SNV-5084R\* (\* is N or P, N:NTSC/ P:PAL)

**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: 25 °C

RH: 54 %

## 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: 50 Joule

Mass: 10 kg

High  $\Delta$  h: 500 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. Side cover open (7.8 mm)	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

## 7. Images





### Conclusion

After testing according to the procedure set forth by IEC 62262, SNV-6084R\*, SNV-7084R\*, SNV-6084\*, SNV-7084\*, SNV-5084\*, SNV-5084R\* (\* is N or P, N:NTSC/ P:PAL) was found to meet the criteria required for an IK10++ specification.