

TEST REPORT

Report Ref. No.	13EMC-RT-0689
Date of issue	2013-03-07
Applicant	
○ Name	Samsung Techwin Co.,LTD
○ Address	701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea
Factory	
○ Name	TIANJIN SAMSUNG TECHWIN OPTP
○ Address	NO.11 Weiliu Road, Micro-Electronic Industrial Park Jingang Road Tianjin
Equipment	
○ Product	Network Camera
○ Model	SNO-6084RN, SNO-6084RP
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: 24 °C

RH: 25 %

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 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

7. Images



