



TEST REPORT

Report No. : SGS-R14-1410-EN-00
Applicant : SAMSUNG TECHWIN Co.,Ltd.
Address : SAMSUNG TECHWIN R&D Center, #6 319 beongil,
Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do
Product : NETWORK CAMERA
Model : SNV-7084 (Basic), SCV-6081R, SNV-5084R, SNV-8080, SNV-8081R
Environment : Temp. (25 ± 2) °C, Humidity (35 ± 5) % R.H.
Test Date : October 16, 2014 ~ October 20, 2014
Standard : IEC 60529: 2001
Degrees of protection provided by enclosures (IP66)
Test Result : Refer to the attached document
Use of report : Validation

This is certified that the above mentioned products have been tested for the sample provided by client.

Confirmation	Tested by Name : Jun, Ki-hwan 	Approved by Name : Heo, Jin 
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- ※ The test results is based on the test conducted on the test sample, which was requested by the client.
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October 21, 2014

SGS KOREA Co., Ltd.

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Summary of Test Results

NETWORK CAMERA / SNV-7084 (Basic), SCV-6081R, SNV-5084R, SNV-8080, SNV-8081R	
TEST ITEM	TEST RESULT
IPX6	No water penetration was found.
IP6X	No dust penetration was found.

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1. Overview

As requested by the client, this test was conducted on test sample according to the test specification presented by the client.

2. Product

2.1 Description

Applicant : SAMSUNG TECHWIN Co.,Ltd.
 Manufacturer : SAMSUNG TECHWIN Co.,Ltd..
 Product : NETWORK CAMERA
 Model : SNV-7084 (Basic), SCV-6081R, SNV-5084R, SNV-8080, SNV-8081R
 S/N : N/A

2.2 Model Difference by this report

Model Difference: SCV-6081R, SNV-5084R, SNV-8080, SNV-8081R

The model SNV-7084 is basic model that was tested.

Other models (SCV-6081R, SNV-5084R, SNV-8080, SNV-8081R)
 are identical to figuration of basic model.

2.3 Photograph

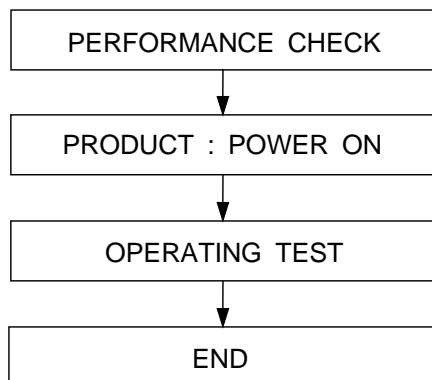


3. Test Process

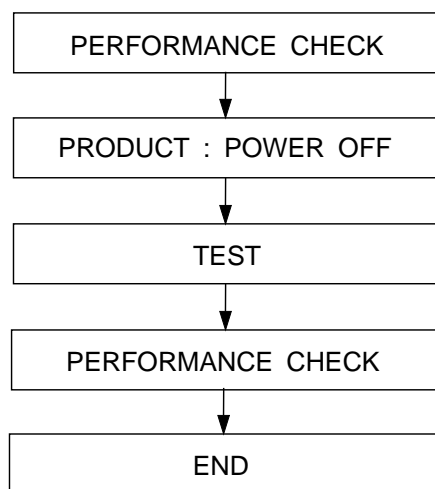
Refer to each test report.

(Using one process among next two kinds of process)

3.1 Operating Test



3.2 Non-operating Test



4. Test condition & Test result

Refer to each test report (Next page)

4.1 IPX6

Applicant	SAMSUNG TECHWIN Co.,Ltd.	Dept. in charge	Reliability Test Team
Product	NETWORK CAMERA	Tester	Jun, Ki-hwan (+82-31-240-6682)
Model	SNV-7084 (Basic), SCV-6081R, SNV-5084R, SNV-8080, SNV-8081R	Date	October 16, 2014
Serial No.	N/A		
Standard	IEC 60529: 2001 Degrees of protection provided by enclosures	Page	2

(1) Test Conditions

- 1) IP Code : IPX6
- 2) Delivery rate : 100 L/min \pm 5 %
- 3) Displacement : From the nozzle to the sample's surface (2.5 ~ 3) m
- 4) Test duration : 3 min
- 5) Status of Product : ① Unpacked product ② Non-operation
- 6) No. of sample : 1 EA







(2) List of used equipment

Description	Manufacturer & Model	Serial Number	The due date of next Calibration	Calibration Laboratory
Turbine Flowmeter	Blancett 111-110	82905362	March 14, 2015	DDHT
COUNTER/TIMER	AUTONIC FX4S	14035Y255	March 17, 2016	SICT

(3) Test results

Check list	Test result
-. Confirmation of water resistance	No water penetration was found.

(4) Test photograph

	Photograph	
Before The Test		
During The Test		
After The Test		

4.2 IP6X

Applicant	SAMSUNG TECHWIN Co.,Ltd.	Dept. in charge	Reliability Test Team
Product	NETWORK CAMERA	Tester	Jun, Ki-hwan (+82-31-240-6682)
Model	SNV-7084 (Basic), SCV-6081R, SNV-5084R, SNV-8080, SNV-8081R	Date	October 20, 2014
Serial No.	N/A		
Standard	IEC 60529: 2001 Degrees of protection provided by enclosures	Page	2

(1) Test Conditions

- 1) IP Code : IP6X
- 2) Test time : 8 h
- 3) Decompression : Maximum depression of 2 kPa (20 mbar)
- 4) Status of Product : ① Unpacked product ② Non-operation
- 5) No. of sample : 1 EA

(2) List of used equipment

Description	Manufacturer & Model	Serial Number	The due date of next Calibration	Calibration Laboratory
Dust Chamber	Daekyung engineering DOC-300DSEM	DOC-11-43-10DSEM	N/A	N/A
Temperature controller	HANYOUNG KX9N-SENA	825110	June 25, 2015	SICT
Pressure Transmitter	SENSORTEC KP-21N	1107048	June 27, 2015	SICT

(3) Test results

Check list	Test result
-. Confirmation of dust resistance	No dust penetration was found.

(4) Test photograph

	Photograph	
Before The Test		
During The Test		
After The Test		