

TEST REPORT

Report No. : SGS-R13-0685-EN
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-6012M
Environment : Temp. (25 ± 5) °C, Humidity (50 ± 5) % R.H.
Test Date : June 14, 2013 ~ June 15, 2013
Standard : IEC 60529: 2001 (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 : Koo, Hyung-kun
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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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June 18, 2013

SGS KOREA Co., Ltd.

Summary of Test Results

NETWORK CAMERA / SNV-6012M	
TEST ITEM	TEST RESULT
IPX6	No abnormal was found
IP6X	No abnormal 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-6012M
S/N : N/A

2.2 Photograph

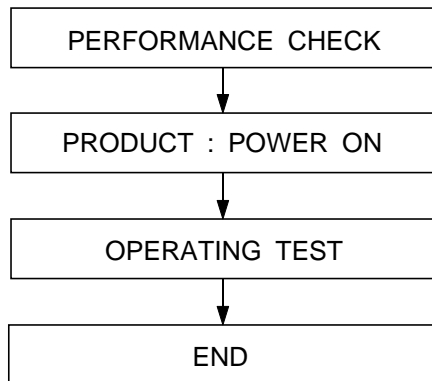


3. Test Process

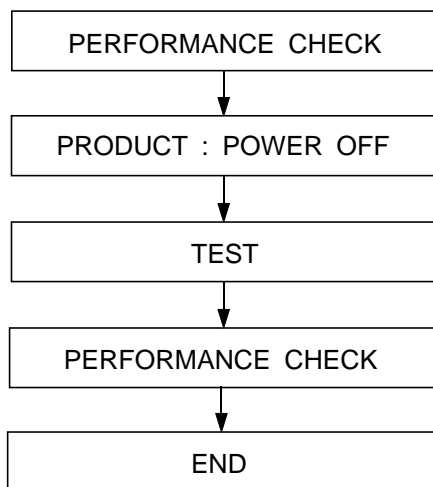
Refer to each test report.

(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 (+82-31-240-6614)
Model	SNV-6012M	Date	June 14, 2013
Serial No.	N/A		
Standard	IEC 60529: 2001	Page	2

(1) Test Conditions

- 1) IP Code : IPX6
- 2) Delivery rate : 100 L/min \pm 5 %
- 3) Displacement : (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 26, 2014	DDHT

(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 (+82-31-240-6614)
Model	SNV-6012M	Date	June 14, 2013 ~ June 15, 2013
Serial No.	N/A		
Standard	IEC 60529: 2001	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	July 04, 2013	SICT
Pressure Transmitter	SENSORTEC KP-21N	1107048	July 05, 2013	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	