



Reliability Laboratory

## TEST REPORT

Report No.: HC10053/2016

Page: 1 of 3

Date: January 14, 2016

GEOVISION INC.

9F, NO. 246, SEC. 1, NEIHU RD.,

NEIHU DISTRICT, TAIPEI CITY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: GV-HOT SWAP System

Style/ Item No.: GV-HOT SWAP SYSTEM 3U, 16-BAY/ Carton No.1

Quantity: Total 1 carton (1 piece of product inside)

Testing Period: Jan. 12, 2016 to Jan. 13, 2016

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: Packaged test according to ISTA 1A:2014

Non-Simulation Integrity Performance Test for Individual Packaged-Products

Test Criteria: (Defined by client)

1. For product(s): Examine the appearance of the product by visual check after packaged test. No visible damage (such as crack, breakage, ...etc.) shall be found on the product.
2. For package: The integrity of package shall be retained. The container still affords reasonable protection to the contents, maintaining the correct position of product, and sufficient rigidity.
3. Functional check: Connect the specimen with rated power 110V<sub>AC</sub>, then examine the booting function of specimen could work normally or not.

Conclusion:

In our opinion, the submitted sample complies with the ISTA 1A Package test.

Test Results: - PLEASE SEE ATTACHED SHEETS -

Signed for and on behalf of  
SGS TAIWAN Ltd.

Winson Tseng  
Asst. Manager

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## TEST REPORT

Report No.: HC10053/2016

Page: 2 of 3

## 1. Packaged test--ISTA 1A:

## Test Equipment:

Name	Brand	Model	Serial No.
Vibration Tester	CHUN-YEN	CY-6120A	1999-12
Drop Tester	King Design	KD-128A	WR112197097

## Lab Environmental Conditions:

Ambient temperature:  $(25 \pm 3) ^\circ\text{C}$ Ambient humidity:  $(55 \pm 20) \% \text{ RH}$ 

## Test Method/ Specification:

## 1. Vibration test:

Vibration mode: 1" peak to peak orbital motionFrequency: 260 CPMDuration: Total ~54 minutes (~27 minutes/ orientation)Number of Impacts: Total 14200 (7100/orientation)Test orientation: 1. Place the specimen upright (bottom of package faced down)2. Horizontal rotation of 90°

## 2. Drop test:

Drop height: 460 mmDrop sequence: 1 corner, 3 edges, 6 faces (total 10 drops)Test surface: Steel plate of 1 cm thickness

## Physical Description:

Carton Style: RSCCarton size: L: 780 mm W: 620 mm H: 290 mmWeight: 24.71 kgwReason for Test: New X Revised Other

## Description of Package:

1. Double wall corrugated carton was closed with clear plastic tape. (as shown in photo 1)
2. The product was packed by two bubble bag. (as shown in photo 2, 3)
3. There is 1 product inside carton. (as shown in photo 4).

## Test Result:

Pass X Failed \_\_\_\_\_

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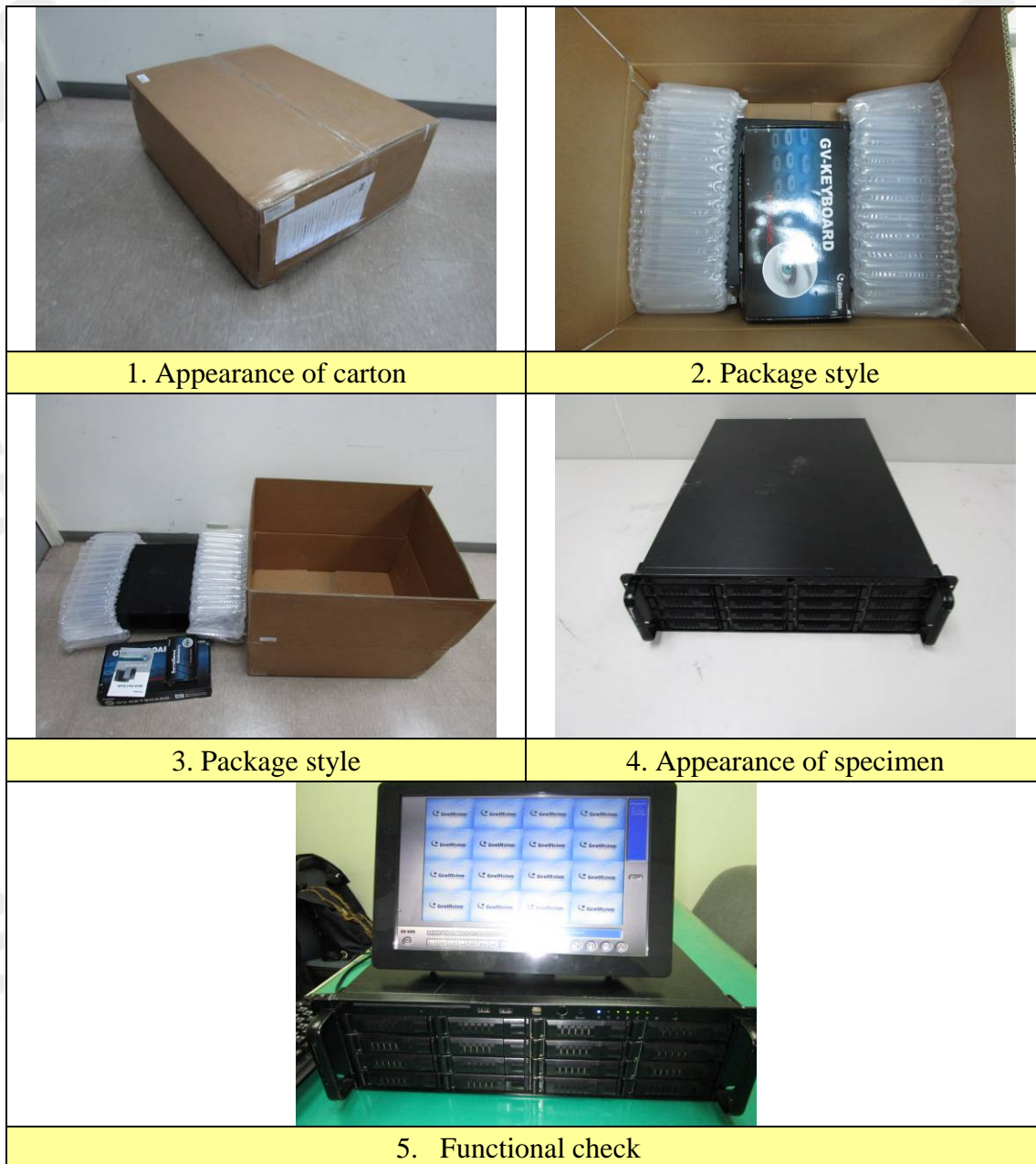
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## TEST REPORT

Report No.: HC10053/2016

Page: 3 of 3

### Test Photos:



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