



Reliability Laboratory

## TEST REPORT

Report No.: HC80163B/2023

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Date: October 12, 2023

VIVOTEK INC.

6F, NO. 192, LIEN-CHENG RD., CHUNG-HO,  
NEW TAIPEI CITY, TAIWAN, R.O.C.

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

Product Description: NETWORK CAMERA  
Style/ Item No.: MS9321-EHV-V2/ No.1  
Manufacturer/Vendor: VIVOTEK Inc.  
Country of Origin: Taiwan  
Quantity: Total 1 piece  
Testing Period: Sep. 19, 2023 to Oct. 3, 2023

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

Test Required : (According to client's test specification, please see following sheets in detail.)

1. Dust test
2. Waterproof test

Test Results: - PLEASE SEE ATTACHED SHEETS -

Signed for and on behalf of  
SGS TAIWAN Ltd.

Hank Chiou  
Asst. Manager

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## 1. Dust test:

Test Equipment:

Name	Brand	Model	Serial No.
Dust Tester	T-MACHINE	TMJ-9723C	T-23-050411

Lab Environmental Conditions:

Ambient temperature:  $(23 \pm 5) ^\circ\text{C}$   
Ambient humidity:  $(25\sim75) \% \text{ RH}$   
Ambient pressure:  $(86\sim106) \text{ kPa}$

Test Location:

No.33, Wu Chyuan Road, New Taipei Industrial Park, WuKu District,  
New Taipei City, Taiwan

Test Method/ Specification:

Test method: ISO 20653: 2013, IP6KX  
Sample condition: Non-Operating  
Type of dust: ISO 12103-1 --Arizona dust  
Test movement time: 6 seconds  
Test break time: 15 minutes  
Test cycles: 20 cycles

- Examine the protection against ingress of dust of specimen after this test.

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### Specimen:

Style/ Item No.: MS9321-EHV-V2/ No.1

Quantity: Total 1 piece

### Test Result:

Check Item	Does any dust deposit inside the closure at the end of the test?
Style/ Item No.	
MS9321-EHV-V2/ No.1	No

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## 2. Waterproof test:

Test Equipment:

Name	Brand	Model	Serial No.
Water Splash Test Chamber	T-MACHINE	TMJ-9710A	T-10-120304

Lab Environmental Conditions:

Ambient temperature:  $(23 \pm 5) ^\circ\text{C}$   
Ambient humidity:  $(25\sim75) \% \text{ RH}$   
Ambient pressure:  $(86\sim106) \text{ kPa}$

Test Location:

No.33, Wu Chyuan Road, New Taipei Industrial Park, WuKu District,  
New Taipei City, Taiwan

Test Method/ Specification:

Test method: ISO 20653: 2013, IPX9K  
Sample condition: Non-Operating  
Water temperature:  $(80 \pm 5) ^\circ\text{C}$   
Water pressure:  $(8 \sim 10) \text{ MPa}$   
Table rotation speed:  $(5 \pm 1) \text{ rpm}$   
Water flow rate:  $(14 \sim 16) \text{ L/min}$   
Reference point:  $0^\circ, 30^\circ, 60^\circ, 90^\circ$   
Test duration: 30 seconds/ position

- Examine the protection against ingress water of specimen after this test.

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### Specimen:

Style/ Item No.: MS9321-EHV-V2/ No.1

Quantity: Total 1 piece

### Test Result:

Check Item	Does any water ingress the specimen after the test?
Style/ Item No.	
MS9321-EHV-V2/ No.1	No

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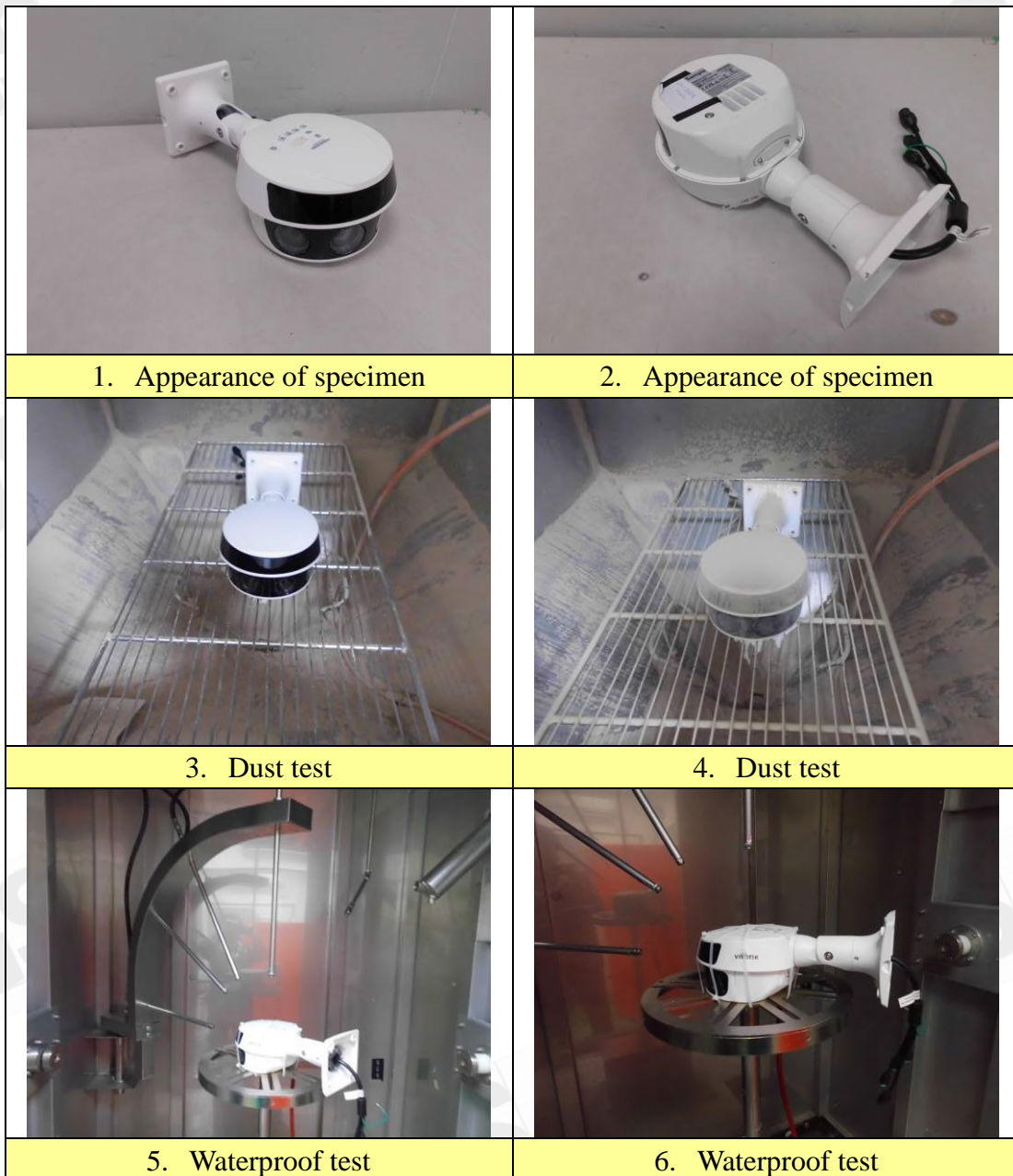


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### Test Photos:



— — — The End of Test Report — — —

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