



Reliability Laboratory

## TEST REPORT



Report No.: HC20060A/2025

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Date: February 20, 2025

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

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

Product Description: IP CAMERA  
Style/ Item No.: MA9322-EHTV-V2/ No.1  
Manufacturer/Vendor: VIVOTEK Inc.  
Country of Origin: Taiwan  
Quantity: Total 1 piece  
Testing Period: Feb. 18, 2025  
Note: (Client's declaration) The style MA9322-EHTV-V2, XMA9322-EHTV-V2 and MA232-EHTV use the identical enclosure

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

Test Required:

Test for Degrees of Protection Provided by Enclosures (IEC 60529 Edition 2.2: 2013)

IP Code	IPX6
First characteristic numeral	Omitted
Second characteristic numeral	Degrees of protection against ingress of water

Test Results:

Conclusion
Submittals sample(s) comply with the requirement and acceptance conditions of IEC 60529 Edition 2.2: 2013 Degrees of Protection Provided by Enclosures--IPX6 The detailed description of test result, please see attached sheet(s).

Signed for and on behalf of  
SGS TAIWAN Ltd.

Hank Chiou  
Asst. Manager

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Test for Degrees of Protection Provided by Enclosures:Test Equipment:

Name	Brand	Model	Serial No.
IPX6 Water Jet Hose Nozzle Set	PTL	P03.28	5040045
Microprocessor Thermometer	Omega	HH23	T-238319

Lab Environmental Conditions:

Ambient temperature: (15 ~ 35) °C  
Ambient humidity: (25 ~ 75) % RH  
Ambient pressure: (86 ~ 106) kPa

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

Test Method/ Specification:

Test method: IEC 60529 Edition 2.2: 2013--IPX6

Test for protection against water:

Sample condition: Non-Operating

Test means: Spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as specified in test standard.

Internal diameter of the nozzle: 12.5 mm

Delivery rate: 100 ℓ/minute ±5%

Distance from nozzle to enclosure surface: between 2.5 m and 3 m

Core of the substantial stream: circle of approximately 120 mm diameter at 2.5 m distance from nozzle

Test duration: Total 3 minutes (Front/Top face, each face 90 seconds)

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

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Specimen:

Style/ Item No.: MA9322-EHTV-V2/ No.1  
 Quantity: Total 1 piece

Test Result:

Degree of protection against ingress of water (IPX6)

**Test Result**

<b>Check Item</b>		<b>Style/ Item No.</b>
1 Does any water enter the enclosure?		<b>MA9322-EHTV-V2/ No.1</b>
2	(followed check item 1) If any water has entered, does the water accumulate near the cable end or live parts?	No
2.1	(followed check item 2) Does the water be sufficient to interfere with the correct operation of the equipment or impair safety?	N/A
2.2	(followed check item 2.1) Does the water deposit on insulation parts where it could lead to tracking along the creepage distances?	N/A
2.3	(followed check item 2.2) Does the water reach live parts or windings not designed to operate when wet?	N/A

Note 1: N/A means "Not Applicable".

Note 2: The check items in this test report for inspecting the degree of protection provided by enclosures are reference to the requirements specified in IEC 60529 Edition 2.2: 2013 and in accordance with the acceptance conditions specified by client.

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**Test Photos:****— — — The End of Test Report — — —**

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