

## TEST REPORT

Report No.: HC20070D/2025

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Date: February 27, 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.: IB9380-HV-V2/ No.1  
Manufacturer/Vendor: VIVOTEK Inc.  
Quantity: Total 1 piece  
Testing Period: Feb. 19, 2025  
Note: (Client's declaration) The style IB9380-HV-V2, IB9390-HVW-V2,  
IB830-HV and IB930-HVW 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.Alex Chen  
Supervisor

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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/Right 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.: IB9380-HV-V2/ No.1Quantity: Total 1 pieceTest Result:

Degree of protection against ingress of water (IPX6)

Test Result		
Check Item		Style/ Item No.
		IB9380-HV-V2/ No.1
1	Does any water enter the enclosure?	No
2	(followed check item 1) If any water has entered, does the water accumulate near the cable end or live parts?	N/A
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:

	
<p>1. Appearance of specimen</p>	<p>2. Appearance of specimen</p>
	
<p>3. Test for protection against water</p>	<p>4. Test for protection against water</p>

— — — The End of Test Report — — —

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