Reliability Laboratory

TEST REPORT

Report No.: HC20151B/2025
Page: 1 of 4
Date: March 13, 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.:	IT9380-HTV-V2/ No.1
Manufacturer/Vendor:	VIVOTEK Inc.
Quantity:	Total 1 piece
Testing Period:	Feb. 27, 2025
Note:	(Client's declaration) The style IT9380-HTV-V2, IT9390-HTVW-V2, IT830-HTV and IT930-HTVW 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	IPX7
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--IPX7 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.
IPX7/IPX8 Immersion Tank	Self-made	SGS-ETR-030201	ETR000001
Microprocessor Thermometer	Omega	HH23	T-238319

Lab Environmental Conditions:

Ambient temperature: (15 ~ 35) ℃
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--IPX7

Test for protection against water:

Sample condition: Non-Operating
Test means: Completely immerse the specimen in water in its service position as specified by client.
Test condition: See below items marked "●",

●	The lowest point of enclosures with a height less than 850 mm is located 1000 mm below the surface of the water
	The highest point of enclosures with a height equal to or greater than 850 mm is located 150 mm below the surface of the water

Test duration: 30 minutes
Test Device: As shown in photo 3, 4

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

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Specimen:

Style/ Item No.: IT9380-HTV-V2/ No.1
Quantity: Total 1 piece

Test Result:

Degree of protection against ingress of water (IPX7)

Test Result		
Check Item		Style/ Item No.
		IT9380-HTV-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:

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

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