



Reliability Laboratory

TEST REPORT



Report No.: HCD0057B/2024

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Date: December 23, 2024

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.: IT9383-HTVW/ No.1
Quantity: Total 1 piece
Testing Period: Dec. 11, 2024
Note: (Client's declaration) The style IT9383-HTVW and IT833-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 | 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/Rear/Left face, each face 60 seconds)

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

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Specimen:

Style/ Item No.: IT9383-HTVW/ No.1

Quantity: Total 1 piece

Test Result:

Degree of protection against ingress of water (IPX6)

| Test Result | | |
|---|--|-------------------|
| Check Item | | Style/ Item No. |
| | | IT9383-HTVW/ 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:



1. Appearance of specimen



2. Appearance of specimen



3. Test for protection against water



4. Test for protection against water

— — — The End of Test Report — — —

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