

TEST REPORT

Report No.: HC50060B/2019

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Date: May 15, 2019

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: IP Camera
Style/ Item No.: IB9387-HT/ No.1
Quantity: Total 1 piece
Testing Period: May 9, 2019
Note: (Client's declaration) The IB9387-HT, IB9387-EHT, IB9387A-HT and IB9387A-EHT used 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	Omitting
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
Sr. 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

Lab Environmental Conditions:

Ambient temperature: (15 ~ 35)°C

Ambient humidity: (25 ~ 75) % RH

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

Sample Condition: Non-Operating

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

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

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Specimen:

Style/ Item No.: IB9387-HT/ No.1

Quantity: Total 1 piece





Test Result:

Degree of protection against ingress of water (IPX6)

Test Result		
Check Item		
Style/ Item No. IB9387-HT/ No.1		
1	Does any water permeate into the specimen?	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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