

# TEST REPORT

Report No.: HCO0134C/2019  
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 Date: November 7, 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.: IB9365-HT-A (12~40mm)/ No.1  
Quantity: Total 1 piece  
Testing Period: Oct. 25, 2019

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.**



Allen Wang  
 Asst. 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.: IB9365-HT-A (12~40mm)/ No.1

Quantity: Total 1 piece

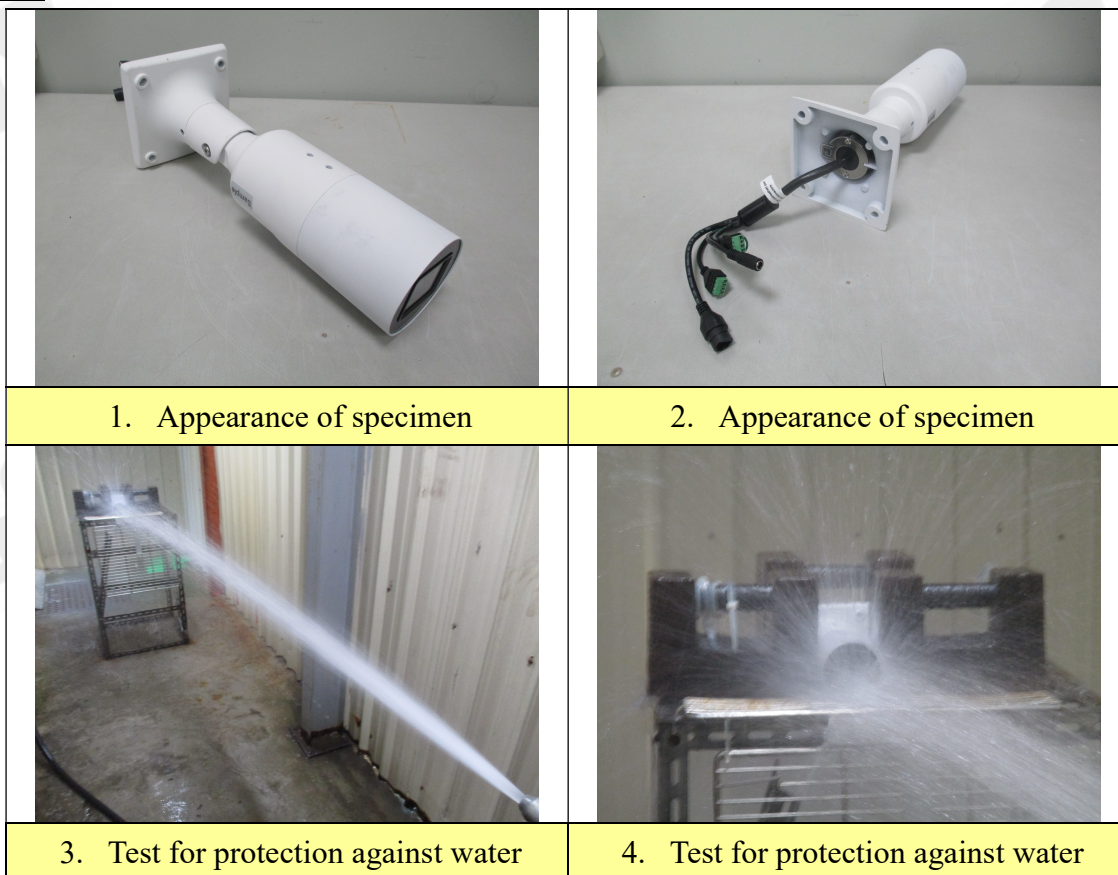
**Test Result:**

Degree of protection against ingress of water (IPX6)

Test Result	
Check Item	Style/ Item No. <b>IB9365-HT-A (12~40mm)/ No.1</b>
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:



— — — The End of Test Report — — —

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