

TEST REPORT

Report No.: HC50183/2012

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Date: June 4, 2012

AAEON TECHNOLOGY INC.
 5F, NO. 135, LANE 235, PAO CHIAO RD.,
 HSIN-TIEN DIST., NEW TAIPEI CITY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: Green Communication Server
Style/Item No.: TF-GCS-2500-IF-A10/ No.1
Quantity: Total 1 piece
Testing Period: May 25, 2012

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 2.1: 2001)

IP Code	IP40
First characteristic numeral	Degrees of protection against access to hazardous parts and against solid foreign objects
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 2.1: 2001 Degrees of Protection Provided by Enclosures--IP40 The detailed description of test result, please see attached sheet(s).

Signed for and on behalf of
 SGS TAIWAN Ltd.



Hank Chiou
 Asst. Supervisor

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Test for Degrees of Protection Provided by Enclosures:

Test Equipment:

Name	Brand	Model	Serial No.
2.5 mm Test Rod Probe	E.D.&D.	TRP-01	B0050179
Digital Force Gauge	ALGOL	HF-50	HF-106764

Lab Environmental Conditions:

Ambient temperature: 25±3°C

Relative humidity: 55±20%RH

Test Method/ Specification:

Test method: IEC 60529 Edition 2.1: 2001--IP40

1. Test for protection against access to hazardous parts:

Test method: IEC 60529 Edition 2.1: 2001--IP4X

The test wire with 1.0 mm in diameter and 100 mm long is pushed against or inserted through any openings of the enclosure with the force specified in Table 6 in IEC 60529 Edition 2.1: 2001. Examine whether the test wire touches the hazardous live parts inside the enclosure or not.

Test force: 1 N±10 %

2. Test for protection against solid foreign objects:

Test method: IEC 60529 Edition 2.1: 2001--IP4X

The rigid steel wire with 1.0 mm in diameter, 100 mm long and edges free from burrs is pushed against any openings of the enclosure with the force specified in Table 7 in IEC 60529 Edition 2.1: 2001. Examine whether the full diameter of the rigid steel wire passes through any opening or not.

Test force: 1 N±10 %

3. Test for protection against water:

The device is non-protection.

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Specimen:

Style/ Item No.: TF-GCS-2500-IF-A10/ No.1

Quantity: Total 1 piece

Test Result:

A. Degrees of protection against access to hazardous parts and against solid foreign objects (IP4X)

A-1 Test for protection against access to hazardous parts (IP4X)

Check Item		Style/ Item No.
		TF-GCS-2500-IF-A10/ No.1
1	Does the test wire penetrate any openings of the enclosure?	No
2	(followed check item 1) If the test wire penetrates any openings of the enclosure, does the test wire touch any hazardous live parts or any hazardous mechanical parts?	N/A
3	(followed check item 2) Does adequate clearance be kept between the test wire and hazardous live parts or hazardous mechanical parts?	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 2.1: 2001 and in accordance with the acceptance conditions specified by client.

A-2 Test for protection against solid foreign objects (IP4X)

Check Item		Test Result
		Style/ Item No.
		TF-GCS-2500-IF-A10/ No.1
1	Does the full diameter of the rigid steel wire pass through any openings of the enclosure?	No

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 2.1: 2001 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 access to hazardous parts and against solid foreign objects</p>	<p>4. Test for protection against access to hazardous parts and against solid foreign objects</p>

— — — The End of Test Report — — —

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