Report No.: RXM191101051-SF

TEST REPORT

According to IEC 62262: 2002

For

AKUVOX (XIAMEN) NETWORKS CO., LTD.

10/F, No.56, Software Park II , Xiamen, China.

Model: R29C & R29W & R29S

Report Type: **Impact Test Report**	**Product Type:** Door Phone
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Report Number:	RXM191101051-SF
Test Date:	2019-11-02
Report Date:	2019-11-22
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1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

"EUT" as referred to in this report is a Door Phone ，test model is R29C & R29W & R29S ， is in good condition and the date of receipt is 2019-11-02

1.2 Objective

The following Declaration of Conformity of a device is prepared on behalf of Sheenly Lighting Co., Ltd., is accordance with IEC 62262: 2002.

1.3 Test Methodology

All measurements contained in this report are conducted with IEC 62262: 2002.
Hammer test contained in this report are conducted with IEC 60068-2-75: 1997.
All measurements are performed at Bay Area Compliance Laboratories Corp. (Dongguan).

1.4 Test Equipment List

Test Equipment	Model	Cal. Date	Due Date
Spring hammer	N/A	2019-07-08	2020-07-08

2. Impact test

2.1 Test Method

IK code and impact energy

Table 1 — Relation between IK code and impact energy

IK code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact energy Joule	[a]	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20

[a] not protected according to this standard

Spring impact hammer

The impact energy which the hammer can provide is 0.2J, 0.35J, 0.5J, 0.7J, 1J. And the structure of the hammer is conformed to the demands of IEC 60068-2-75: 1997. Use an adjusted energy value to strike the selected area on the specimen surface in the direction which perpendicular to the test area, the specimen surface held in a horizontal and rigid surface. A support is considered to be sufficiently

rigid if its displacement is less than or equal to 0.1mm under the effect of an impact directly applied and whose energy corresponds to the degree of protection.

2.2 Test Procedure

1. Check the function and appearance before test.
2. Set the EUT on the test surface.
3. Adjust the impact energy of the spring impact hammer to 5.0J.
4. Apply the impact to every test position not more than 3 times, in the direction which perpendicular to the test area.
5. Test is completed.

2.3 Initial Test

Part the test areas into 9 positions, and check the appearance and function.

Model	Position	Appearance
R29C & R29W & R29S	Position 1~Position 9	Normal

Note: The detail position diagrammatic drawings please refer to Clause 3.1 Position diagrammatic drawing.

2.4 Test Results

#001		0.5J (IK04)	0.7J (IK5)	1.0J (IK06)	2.0J (IK07)
Appearance	Position 1~ Position 9	P	P	P	F

Note: F: Fail; P: Pass

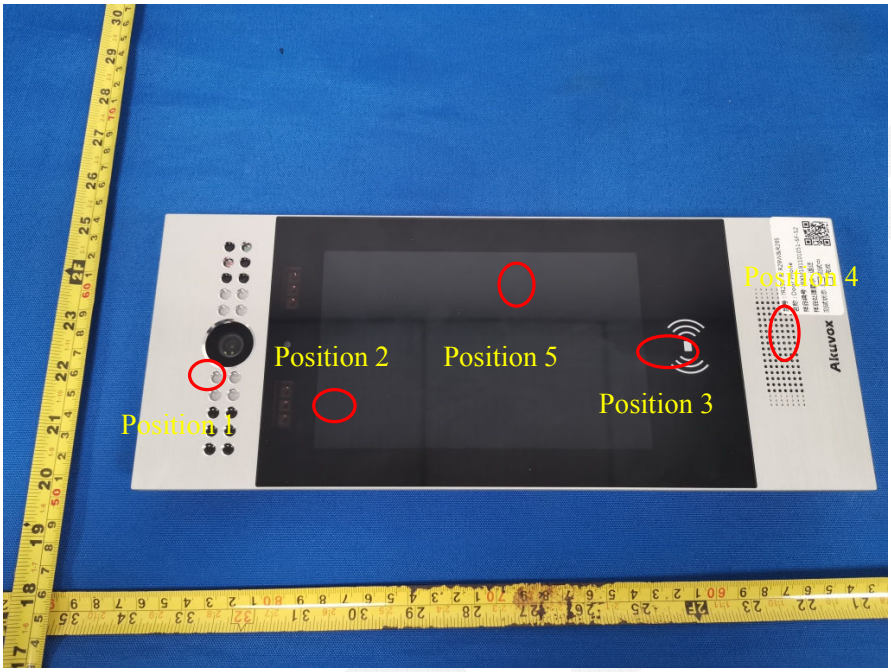
Result:

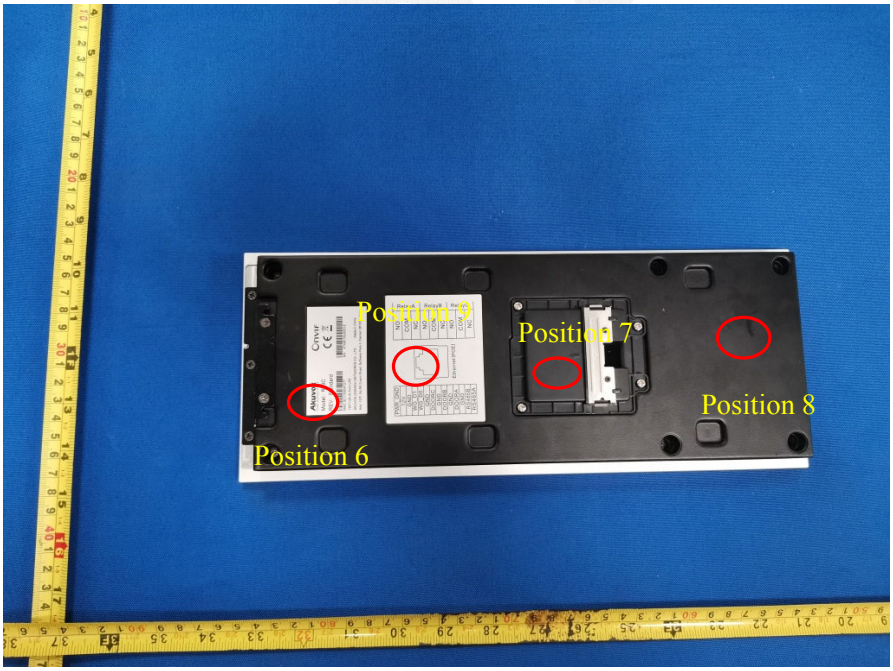
The IK code of the sample is IK06

3. EUT PHOTOS

3.1 Position diagrammatic drawing

Position1 to Position9

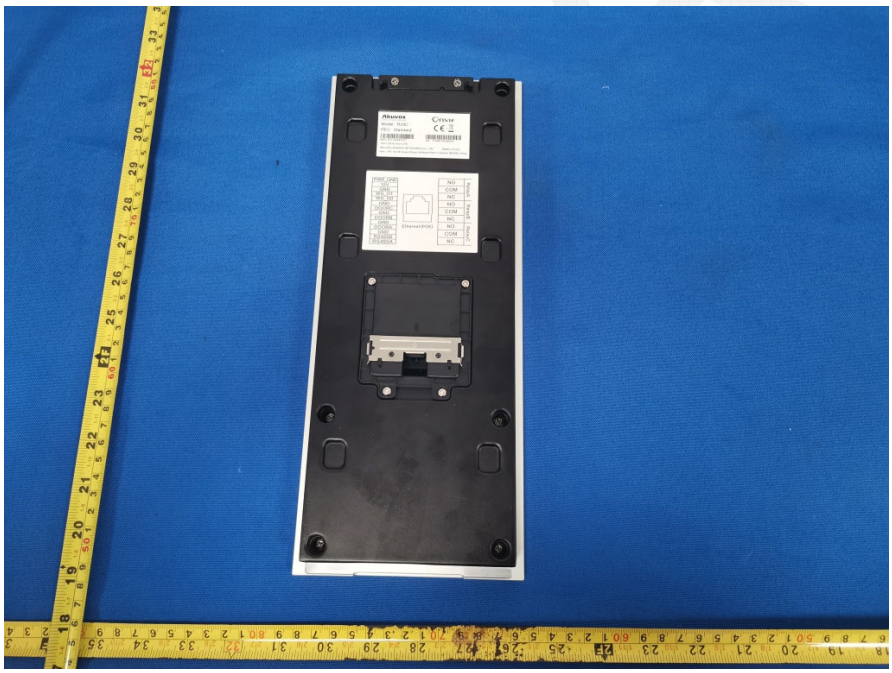




3.2 Sample check before test

View of EUT

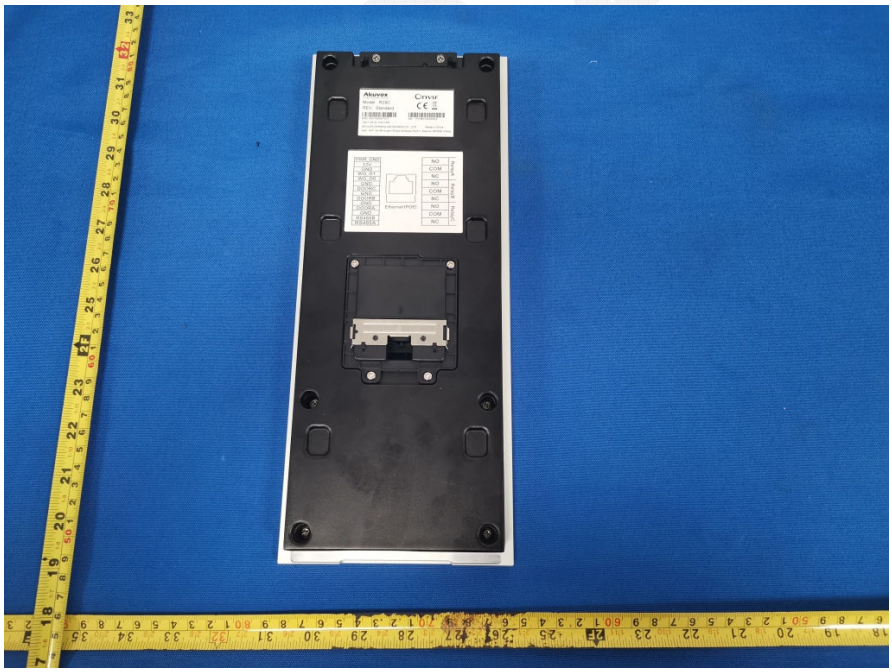




3.3 Sample check after test

View of EUT





Note: The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

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