

TEST REPORT

Applicant: Wuxi iData Technology Co., Ltd.
Address: Floor 11, Building B1, No.999 Gaolang East Road,
Wuxi City, P.R.C.
Sample Name: New Mobile Computer
Sample Model: iData K8
Component Part No. : N/A
Brand Name: N/A
Test Basis: Refer Section 3.1
Test Result: Refer Section 3.2
Sample Arrival Date: Aug. 19, 2026
Test Date: Aug. 20, 2026
Date of Issue: Aug. 25, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.



Tested by: Wang Jiwen

Checked by: Gong Shujin

Approved by: Chi Liu

Wang Jiwen

Gong Shujin

Chi Liu

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Aug. 25, 2026</u>	<u>Initial Issue</u>

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1 General Information

1.1 Test Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Tel	+86 755 6685 0100
Fax	+86 755 6182 4271

1.2 Test Location

Company Name	Shenzhen BALUN Technology Co., Ltd.
Location	1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong

2 Sample Information

2.1 Applicant Information

Applicant	Wuxi iData Technology Co., Ltd.
Address	Floor 11, Building B1, No.999 Gaolang East Road, Wuxi City, P.R.C.

2.2 Manufacturer Information

Manufacturer	Wuxi iData Technology Co., Ltd.
Address	Floor 11, Building B1, No.999 Gaolang East Road, Wuxi City, P.R.C.

2.3 Sample Information

Test Item	Sample Name	Sample Model	Sample No.	Operating Modes	Sample Quantity
IP6X	New Mobile Computer	iData K8	AT26080282-001-S07	Non-operation	1PC
IPX8	New Mobile Computer	iData K8	AT26080282-001-S02	Non-operation	1PC

Note: Sample description and test instructions:

1. The samples delivered this time are: New Mobile Computer, model: iData K8, number: AT26080282-001-S07, AT26080282-001-S02.
2. Series model: iData K8 Pro/ iData K81/ iData K82/ iData K8X/ iData K8 Strong/ iData K8 Cold/ iData K8 Grip/ iData K8 UHF/ iData K8 Wireless/ iData K8 Pro/ iData K8 Plus/ iData K8 Lite/ iData K8 Max / iData K8 Ultra / iData K8 Premium / iData K8 Pro Edition/ iData K8 Plus Edition/ iData K8HC/ iData K8X8P/ K8/ K81/ K82/ K8X/ K8 5G/ K8 Strong/ K8 Cold/ K8 Grip/ K8 UHF/ K8 Wireless / K8 Pro / K8 Plus / K8 Lite / K8 Max / K8 Ultra / K8 Premium/ K8 Pro Edition/ K8 Plus Edition/ K8HC/ K8X8P/ K21/ K22/ F23/ F25/ C26/ C27/ M28/ M29;
3. Are identical on circuitry design/PCB layout/electrical components used/Hardware & Software version/internal wiring and functions with the model/item No.: iData K8. A description of the differences between these models and that are declared similar are as follows: They are the same product, and just the different model name. the rest are the same (This information is provided by the customer).

3 Summary of Test Results

3.1 Test Basis

The test items in this report were conducted according to the test standard:

No.	Standard No.	Standard Name
1	IEC60529:1989+A1:1999+A2:2013	Degrees of protection provided by enclosure (IP code)

3.2 Test Conclusion

The test items and test results involved in this report are as follows:

No.	Test Item	Acceptance Criteria	Test Engineer	Test Date	Test Conclusion
1	IP6X	After the test, the sample shall function normally, and no dust ingress shall be observed inside the sample upon disassembly inspection.	XiangHeng	Aug. 20, 2026	Pass
2	IPX8	After the test, the sample shall function normally, and no water ingress shall be observed inside the sample upon disassembly inspection.	XiangHeng	Aug. 20, 2026	Pass

Note: Acceptance criteria are provided by the customer.

4 TestItems

4.1 IP6X

4.1.1 TestEnvironments

Temperature	24.5°C
Humidity Condition	58.5%RH

4.1.2 TestEquipment

4.1.2.1 Main Test Equipment

Equipment Name	Model	Serial No.	Due Date
Dust test chamber	QDT-1000	QDT221009182	Sep. 02, 2026
IP4X test tool	FH-F 4D -F	FH23021504	Dec. 25, 2026

4.1.3 TestConditions

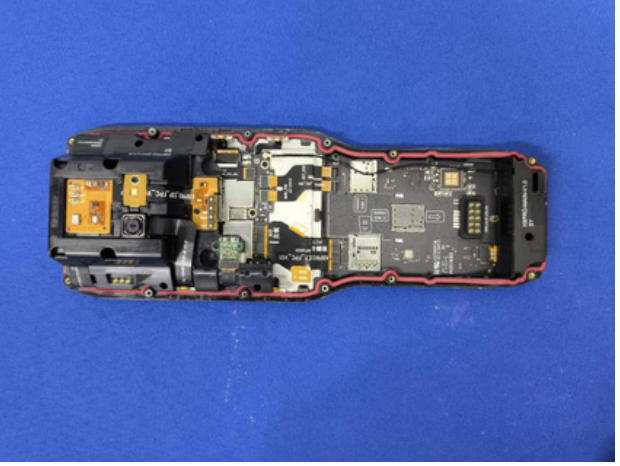
Test Standard	IEC 60529:1989+A1:1999+A2:2013 Chapter 13.4&13.6
Test Conditions	Condition 1: 1. Testwire:Diameter1,0mm 2. Testforce:1N Condition 2: 1. Theamountoftalcumpowder:2kg/m ³ 2. Differentialpressure:<2kPa 3. Testtime:Dustshallbeblowncontinuouslyfor8 hwithanairvolume less than 40 times the sample enclosure volume per hour
Acceptance Criteria	After the test, the sample shall function normally, and no dust ingress shall be observed inside the sample upon disassembly inspection.

4.1.4 TestResults

	Sample No.	Test Results
	BeforeTest	AT26080282-001-S07 The appearance and function of the sample were normal.Using a 1mm test wire to apply a force of 1N can not penetrate the gap of the sample.
After Test	AT26080282-001-S07	Upon visual inspection, the sample showed normal appearance. The sample powered on and off normally, with normal display, responsive touch, and all key functions working properly. Disassembly inspection revealed no dust ingress inside the sample.

4.1.5 TestPhotos

	
Sample appearance check-Before test	Sample function check-Before test
	
Probe test	Sample placement

	
Test completed	Sample appearance check-After test
	
Sample function check-After test	Sample internal check-After test

4.2 IPX8

4.2.1 TestEnvironments

Temperature	24.5°C
Humidity Condition	53.5%RH

4.2.2 TestEquipment

4.2.2.1 Main Test Equipment

Equipment Name	Model	Serial No.	Due Date
PX77 pressure immersion test machine	LS-IPX78	OK2022100805	Sep. 08, 2026

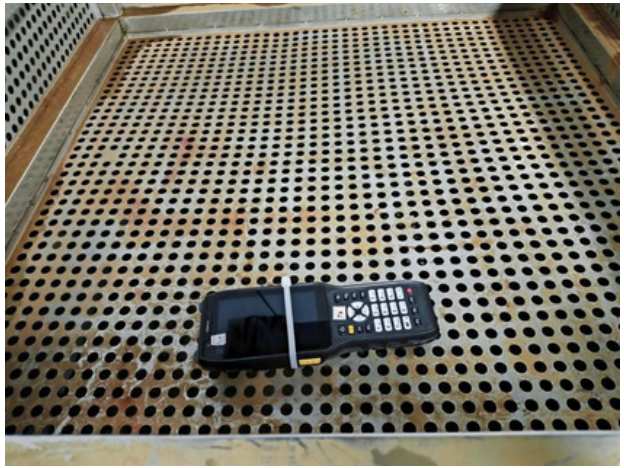
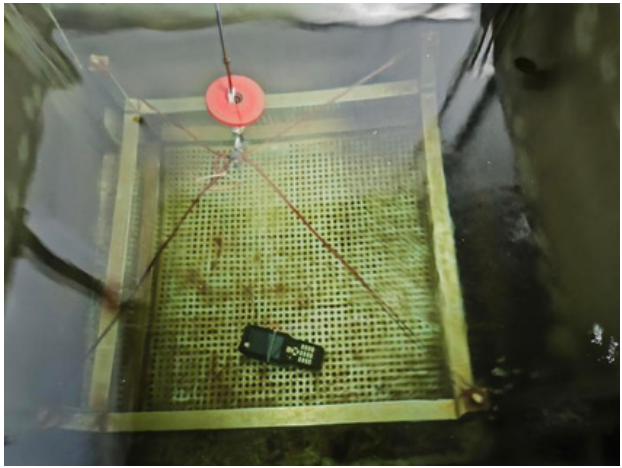
4.2.3 TestConditions

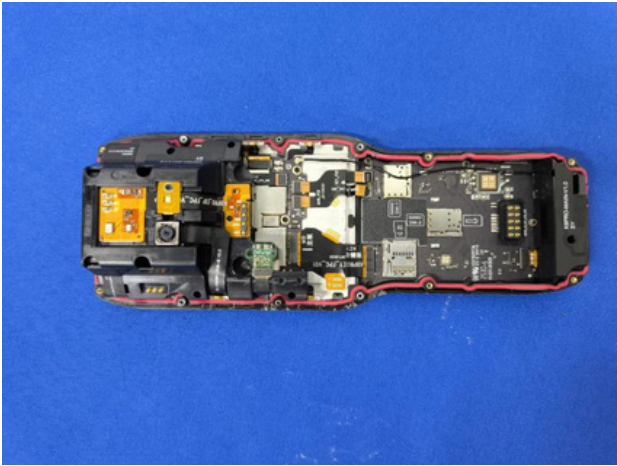
Test Standard	IEC 60529:1989+A1:1999+A2:2013 Chapter 14.2.8
Test Conditions	1. Immersion tank Water-level on enclosure: 0,15m above top 1m above bottom 2. Test duration: 35min
Acceptance Criteria	After the test, the sample shall function normally, and no water ingress shall be observed inside the sample upon disassembly inspection.

4.2.4 TestResults

Before Test	Sample No.	Test Results
	AT26080282-001-S02	The appearance and function of the sample were normal.
After Test	AT26080282-001-S02	Upon visual inspection, no abnormalities were observed on the sample. The sample powered on and off normally, with normal display, responsive touch, and all key functions working properly. Disassembly inspection revealed no water ingress inside the sample.

4.2.5 TestPhotos

	
Sample appearance check-Before test	Sample function check-Before test
	
Sample placement-1	Sample placement-2
	
Sample appearance check-After test	Sample function check-After test

	N/A
Sample internal check-After test	

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "scope."
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
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6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--

