



讯科检测
XUNKE TESTING LAB



中国认可
国际互认
检测
TESTING
CNAS L12530

Test Report

Sample Name: Barcode Scanner

Client Name: RTSCAN TECHNOLOGY LIMITED

Test sort: Commissioned test

Report date: 2026.05.09

(Special stamp for inspection)

Shenzhen Xunke Standard Technology Service Co.,Ltd.

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Test Report

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Detection Category	<input checked="" type="checkbox"/> Commissioned test <input type="checkbox"/> Routine test <input type="checkbox"/> Evaluation test <input type="checkbox"/> Type test		
Sample Source	<input checked="" type="checkbox"/> Client to send samples <input type="checkbox"/> Sampling		
Client	RTSCAN TECHNOLOGY LIMITED		
Client Address	2009-2010, Shenbaomao Building, No.67 Minfu North Road, Minzhi Street, Longhua District, Shenzhen 518131, China		
Manufacturer	/		
Manufacturer Address	/		
Sample Name	Barcode Scanner	Logo	RTscan
Sample Model	RT870W	Production Serial Number	/
Sample Quantity	1pc	Sample Number	XKS202604290394
Date of Sample Receive	2026.04.29	Test Date	2026.05.08-2026.05.09
Environment Condition	Temperature: 25°C Relative humidity: 51%RH		
Test Method	GB/T 4208-2017		
Requested/Item	IP67		
Detection address	<input checked="" type="checkbox"/> 1F, D2 Building, Qiangrong East Industrial Zone, No. 723, Zhoushi Road, Jiuwei Community, Hangcheng Street, Baoan District, Shenzhen <input type="checkbox"/> 2nd floor, Huamei Electronics Factory, E2 Building, Qiangrong East Industrial Zone, No. 723, Zhoushi Road, Jiuwei Community, Hangcheng Street, Baoan District, Shenzhen		
Test Results	See the next page		
Note	1. The above information and samples are provided and confirmed by the entrusted unit, and the agency is not responsible for confirming the authenticity, accuracy and/or completeness of the information provided by the customer, but only responsible for the samples. 2. Test results are for reference only.		

Written by: *Quan Li*

Reviewed by: *Quan Ma Yang*

Approved by: *Chengbiao*





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1.Test requirements

According to GB/T 4208-2017,IP67 test was performed on the samples.

2.Test equipment

Equipment name	Model	Calibration date
Dust test chamber	TL-SC56-19F	2026.03.26~2027.03.25
Test Probe D	GR-F4D	2026.04.13~2027.04.12
Water immersion testing machine	IPX7/8	2026.01.07~2027.01.06

3.Test conditions

Test items	Test conditions
IP6X	(1) Use a ϕ 1mm test probe to detect the gap part of the sample, with a test force of 1N. (2) Place the sample in the test chamber filled with 2kg of talcum powder per cubic meter to start the test. During the test, the sample remains in a vacuum state, with a maximum pressure difference of 2kPa, and the exhaust speed is lower than 40 times the volume of the outer shell per hour. The test lasts for 8 hours.
IPX7	Air pressure applied: 0.01 MPa; Immersion depth in water: 1 m; Test duration: 30 min.

4.Decision conditions

Test items	Decision conditions
IP6X	The probe should not be able to penetrate the interior of the sample. After the test, remove it and inspect the interior of the sample - there should be no dust entering.
IPX7	After the test, open and inspect the interior of the sample to ensure no water has entered.

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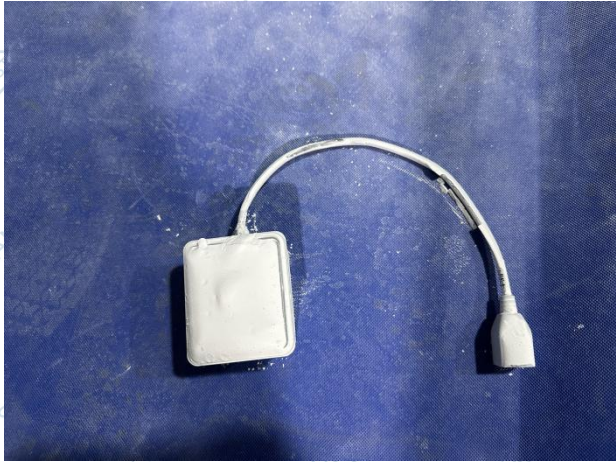
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5.Test results

Test items	Test result	Determine
IP6X	The test probe was unable to enter the sample shell. After the dust-proof test, it was checked that there was no dust inside the sample shell.	Pass
IPX7	After the test, the sample was disassembled for inspection and it was found that no water had entered the interior.	Pass

6.Sample photo

<p>Before the IP67 test</p>	<p>φ 1mm probe testing</p>
	
<p>In the IP6X test</p>	<p>After the IP6X test</p>
	

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6.Sample photo

During the IPX7 test



After the IPX7 test



Disassemble and inspect after testing



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Report Description

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There is any discrepancy in this report, please after receipt of the report made in writing within 15 days.

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Fifteen working days later,my company has the right to the complete test after processing the measured samples.

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