

TEST REPORT

Report No: HJW20240925-1-1

Applicant	Shenzhen Techtion Smart Electronics Co.,Ltd				
Manufacturer	Shenzhen Techtion Smart Electronics Co.,Ltd				
Description	All in one Panel PC				
Model No	TS-150ACBJ				
Detection category	Commission Test				
Shenzhen Huajian Electronic Technology Co., Ltd. 检验检测专用章 Inspection&Testing Services					

Address: Room 329, Chuangke Building, No.72-6, Huanguan South Road, Xintian, Guanhu Street, Longhua District, Shenzhen, Guangdong, China



Description All in one Panel PC Model No. TS-150ACBJ Applicant Shenzhen Techtion Smart Electronics Co.,Ltd Address Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun Factory District, Shenzhen Manufacturer Shenzhen Techtion Smart Electronics Co.,Ltd Address Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun Factory District, Shenzhen Production Shenzhen Techtion Smart Electronics Co.,Ltd Address Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun Factory District, Shenzhen Production Shenzhen Techtion Smart Electronics Co.,Ltd Address Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun Factory District, Shenzhen Vanke City Community, Bantian Street, Longgang District, Shenzhen Stample serial Trademark Sample serial Sample Customer sample delivery Number of sample serial Sample 2024.07.10 Date 2024.07.10 to 2024.07.16 Inspection items: IP65. Dry heat Standards: IEC6000529:2013 Degrees of protection provided by enclosure (IP code) GB/T 2423.2-2008Environmental testing for electric and electronic products-Part 2:Test Standards: IEGE00000000000000000000000000000000000	a 111 the part						
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	remarks:						



Inspection requirements and results

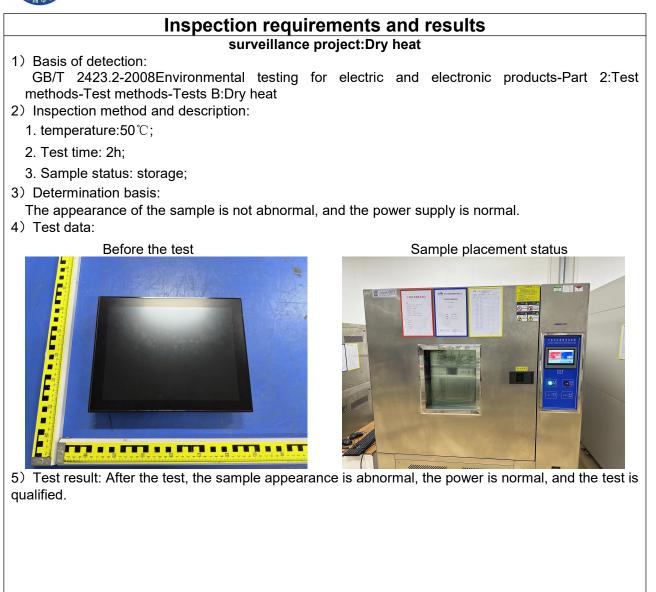
Numbe	Inspection items	Standard requirements	Inspection results	determine
1.	Dry heat	1. temperature:50℃; 2. Test time: 2h; 3. Sample status: storage;	After the test, the appearance structure of the sample is normal, the power operation is normal, and the test is qualified.	Pass



Inspection requirements and results *

Numbe	Inspectio n items	Standard requirements	Inspection results	determine
2.	IP6X	 Dust: talc powder (75 μ m); Test time: 8h continuous dust blowing; Concentration: 2 kg/m³; Sample status during the test: the sample does not work during the test; During the test, the test samples are placed in the test box, the pressure in the shell is kept below the atmospheric pressure by the vacuum pump, the maximum pressure difference is 2 kPa, the pumping speed is lower than 40 times the shell volume per hour, and the air pressure is continuously pumped for 8h. 	After the test, the sample has no dust intake, and the test is qualified.	Pass
3.	IPX5	 The nozzle diameter: 6.3mm; Water spray distance: 2.5~3m; Total flow quantity: 12.5L/min; Test time: 5min. 	After the test, the sample has no water intake, and the test is qualified.	Pass







Inspection requirements and results

Testing items: IP6X

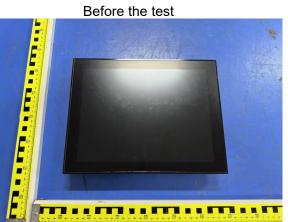
- 1) Basis of detection:
 - IEC600529:2013 Degrees of protection provided by enclosure (IP code)
- 2) Inspection method and description:
 - 1. Dust: talc powder (75 μ m);
 - 2. Test time: 8h continuous dust blowing;
 - 3, Concentration: 2 kg/m³;
 - 4. Sample status during the test: the sample does not work during the test;

5. During the test, the test samples are placed in the test box, the pressure in the shell is kept below the atmospheric pressure by the vacuum pump, the maximum pressure difference is 2 kPa, the pumping rate is lower than 40 times the shell volume per hour, and the continuous pumping is for 8h.

3) Determination basis:

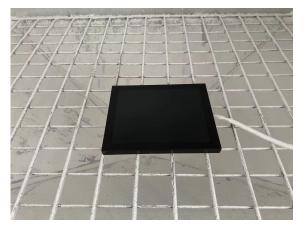
After IP6X test, the sample has no dust intake and normal power function.

4) Test data:



In the experiment

Sample placement status



5) Test result: after the test, the sample has no dust intake phenomenon, the power supply function is normal, and the test is qualified.

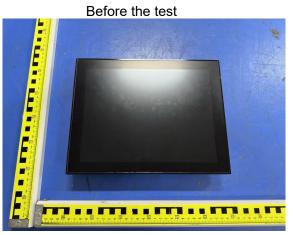


Inspection requirements and results surveillance project:IPX5

- 1) Basis of detection:
 - IEC600529:2013 Degrees of protection provided by enclosure (IP code).
- 2) Inspection method and description:
 - 1.The nozzle diameter: 6.3mm;
 - 2.Water spray distance: 2.5~3m;
 - 3.Total flow quantity: 12.5L/min;
 - 4.Test time: 5min.
- 3) Determination basis:

IPX5

- After testing, there should be no water inside the sample. For water intake, shall not:
- 1) Enough to interfere with the correct operation of the equipment or damage the safety;
- 2) Deposition on the insulation parts that may lead to creepage distance tracking;
- 3) Touch the live parts or windings that are not suitable for operation in a wet environment;
- 4) Gather together or enter the cable near the end of the cable.
- 4) Test data:

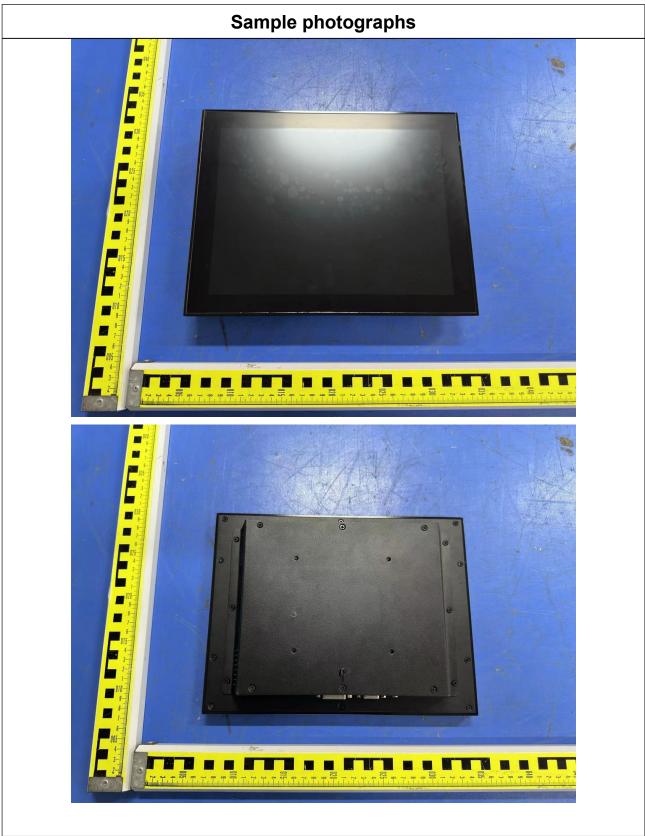


Sample placement status



5)Test result: after the test, the sample has no water intake phenomenon, the power supply function is normal, and the test is qualified.





The report is over



Statement

- 1. The report is invalid without "special seal".
- 2. The report is invalid without testing and the signature of the approving personnel.
- 3. The report alteration is invalid.
- 4. The test conclusion of the self-sent samples is only valid for the sent samples.
- 5. The project with "*" is the technical requirement of the client, which is not within the authorized scope of CNAS and CMA.
- 6. This report shall not be reproduced in part without the permission.
- 7. If there is any objection to this report, you may appeal to the unit within 15 days after receiving the report, and the overdue application will not be accepted.