

TEST REPORT

Report number : BKC23114331KS

Applicant's name : ShenZhen YJCen Technology CO., Ltd

Name of sample : Outdoor IP66 display

Model(s) : YJC-550-OD09-A

Manufacturer : ShenZhen YJCen Technology CO., Ltd

Classification : Commission test

Test date : Nov. 07, 2023 to Nov. 17, 2023

Issue date : Nov. 17, 2023

Shenzhen BKC Testing Co., Ltd.
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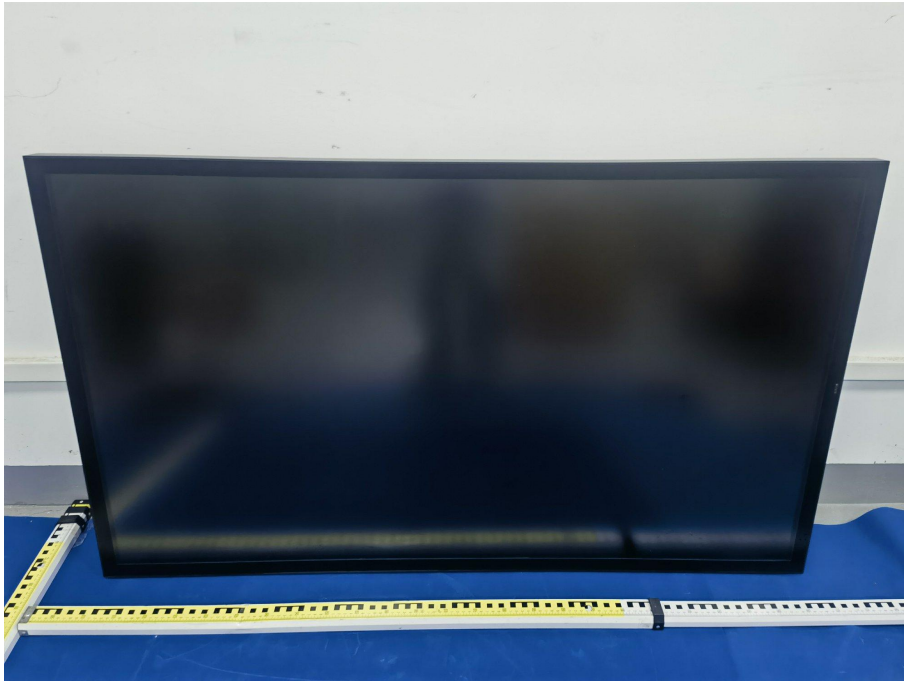
TEST REPORT			
Name of sample:	Outdoor IP66 display	Trademark:	
Applicant's name:	ShenZhen YJCent Technology CO., Ltd		
Address:	310A, Xinma zhongchuang space, Henggang street, Shenzhen, China		
Manufacturer:	ShenZhen YJCent Technology CO., Ltd		
Address:	310A, Xinma zhongchuang space, Henggang street, Shenzhen, China		
Sample quantity:	One	Receive day:	Nov. 07, 2023
Model(s):	YJC-550-OD09-A		
Test date:	Nov. 07, 2023 to Nov. 17, 2023		
Classification:	Commission test		
Testing laboratory:	Shenzhen BKC Testing Co., Ltd.		
Environmental conditions:	Ambient temperature: 45°C Relative humidity: 93% RH.		
Sample characteristic:	The sample was in good condition operation as normally. Main model: YJC-550-OD09-A. Additional model: YJC-320-OD09-A, YJC-430-OD09-A, YJC-490-OD09-A, YJC-650-OD09-A, YJC-750-OD09-A, YJC-320-OD09-B, YJC-430-OD09-B, YJC-490-OD09-B, YJC-550-OD09-B, YJC-650-OD09-B, YJC-750-OD09-B. All models are similar except their model name, all tests were conducted on model: YJC-550-OD09-A		
Test required:	According to client's requirement and EN 60529:1991+A1:2000+A2:2013 Degrees of protection provided by enclosures (IP Code)		
Test result:	See the following page		
Conclusion:	Pass		
Tested by:		 Shenzhen BKC Testing Co., Ltd	
James Guo			
Checked by:			
Casey Wang			
Approved by:			
Jerry Liao			
Date:	Nov. 17, 2023		

EN 60529				
No.	Test item	Requirement-Test	Result	Verdict
1	Dustproof test (IP6X)	a. Test means: test probe diameter 1mm b. Test force: $1N \pm 0.1N$ After testing, check whether the full diameter of test probe pass through any opening;	The full diameter of the test probe doesn't pass through any opening	Pass
		c. Square-meshed sieve diameter: $75\mu m$ d. Talcum powder density: $2kg/m^3$ e. Test time: 8H f. Pressure difference $\leq 2kPa$ After testing, the sample shall be inspected for ingress of dust	No dust getting into the sample	Pass
2	Waterproof test (IPX6)	a. internal diameter of the nozzle: 12.5mm b. delivery rate: $(100 \pm 5) L/min$ c. water pressure: to be adjusted to achieve the specified delivery rate d. core of the substantial stream: circle of approximately 120 mm diameter at 2,5 m distance from nozzle e. test duration per square metre of enclosure surface area likely to be sprayed: 1 min f. minimum test duration: 3 min g. distance from nozzle to enclosure surface: between 2,5 m and 3 m. After testing, the sample shall be inspected for ingress of water	No water getting into the sample	Pass

Equipment list				
No.	Equipment name	Model name	ID	Calibration useful-life
1	D-type test probe	OJN-9408D	BKC-045	Apr. 27, 2024
2	Sand and dust test box	OJN-9608	BKC-109	Apr. 23, 2024
3	Water jet test equipment	OJN-9800	BKC-111	Apr. 23, 2024



Photo 1



***** END OF REPORT *****

