产品规格书
SPECIFICATION

产品名称(DESCRIPTION)： 摄像头模组

产品型号(PRODUCT MODEL)： SAT-8536-37P-3232-PC-NL-85YZ65

产品编码（PRODUCT NO.)： 1050010110

送样日期(SAMPLE DATE)： 2025.08.22

拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY

客户承认 CUSTOMER APPROVAL	签名 SIGNATURE	日期 DATE

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目录

1. 模组规格 Mode Specifications 3
2.包装方式 Packing Method 4
3.质保期限 Warranty Period 4
4. 操作注意事项 Handling Precaution 5
5. 样品承认说明 Sample Acknowledgement 5
6. HSF 符合性说明 Compliance 5
7. 工程图 Engineering Drawing 6

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1. 模组规格 Mode Specifications

项目 Item	规格 Specifications	备注 Remark
图像感应器 Sensor Chip Type	JX-F37P	
感应器类型 Sensor Type	CMOS	
像面尺寸 Image format	1/3″	
像素 Pixel	1928*1088	
像素大小 Pixel Size	2.7um*2.7um	
最大信噪比 Max SNR	36dB	
图像处理芯片 ISP	FH8536H	
视频输出 Video Output	PAL 1200×576	
视频模式 Video Mode	CVBS	
感光度 Sensitivity	3495 mV/lux-sec	
镜头型号 Lens Model	TXD-8002	
镜头焦距 Lens Focal Length	2.8mm±5%	
镜头水平角度 Lens Horizontal Angle	85	
外形尺寸 Lens Dimension	Φ14×22.735mm	
工作电压 Working Voltage	DC 12V	
功耗 Power Consumption	1W	TYP
外形尺寸 Outline Dimension	32mm*32mm*1.6mm	
工作温度 Working Temperature	-20℃～+60℃	

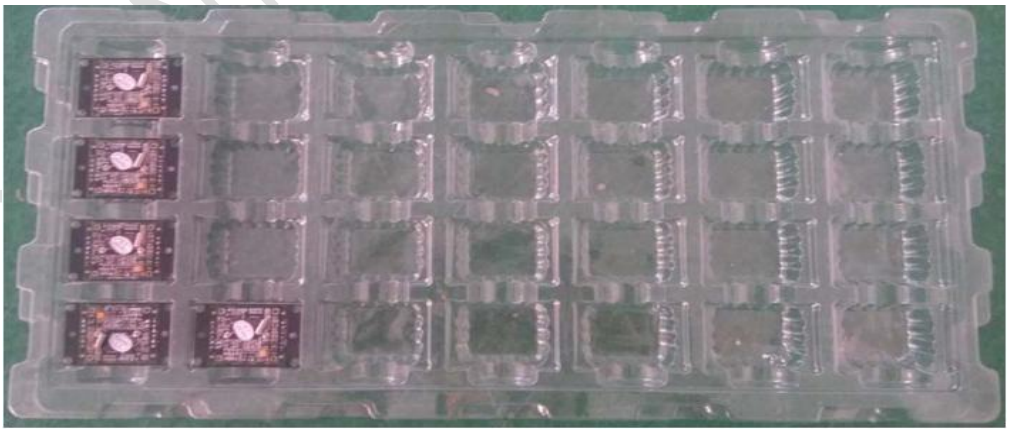
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恒温恒湿贮存试验 High Temperate and Humidity Storage	50℃ 95%RH 48H		
高温贮存试验 High Temperate Storage Test	70℃ 120H		
低温贮存试验 Low Temperate Storage Test	-30℃ 120H		
高温功能试验 High Temperate	70℃ 8H		
低温功能试验 Low Temperate Function Test	-20℃ 8H		
高低温循环功能试验 High and Low Temperate cycle Test	-30℃ 30mins > 25℃ 10mins> 70℃ 30mins > 25℃10mins>		10Cycles
振 动 试 验 Vibration Test	Products along different axis of vibration 10 times		
ESD 测试 ESD Test	空气放电 Air Discharge	±8KV	
	接触放电 Contact Discharge	±4KV	
包装跌落 Drop Test for Packaging	一角三棱六面，高度 0.8 米 Drops on one corner, three edges, and six sides; Drop height: 0.8m;		1 箱 1 carton

冷启动：在高、低温环境中贮存 1 小时以后，对产品进行上电启动。

startup: after 1 hour storage in high and low temperature environment, power on and start the product.

2.包装方式 Packing Method



将摄像头模组放入防静电托盘格子中

Put the camera module into the anti-static tray

3.质保期限 Warranty Period

自出货之日起 1 年内发现的不良（建议储存条件：温度 10~30 度，湿度 45%~75%），可以安排修理或换货。如果此质保期有另签协议以协议为准；

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warrants that the products will be free from defects for a period of twelve (12) months from the date of shipment when used under the specified storage and utilization conditions of this specification(Storing in an ambient temperature 10° C to 30° C, and in a relative humidity of 45% to 75%. Don't expose to sunlight or fluorescent light). Defective products of SAT's making, once proved, will be either repaired or replaced.If there is another agreement signed during the warranty period, the agreement shall prevail;

4.操作注意事项 Handling Precaution

4.1 镜头有污沾时，请以柔质绵布或沾有酒精的布料轻拭

If the lens is stained, please wipe it lightly with soft cotton cloth or cloth stained with alcohol

4.2 请避免将产品靠近或暴露于有机溶剂，酸性气体的环境下使用及存放

Keep away from organic solvent or acidic environment.

4.3 装配作业时请带好静电环

Please wear the electrostatic ring when assembling.

4.4 注意模组的连接方式，避免模组损坏

Pay attention to the connection mode of module to avoid module damage.

5.样品承认说明 Sample Acknowledgement

5.1 我司产品可以承诺做到产品规格书规格，但是不代表客户需要项目均已有完整测试；部分项目需要客户做认 证测试，包括且不限于以下相关项目：产品尺寸与客户整机结构的搭配、产品双面胶（如有)和客户整机结构 粘结、产品嵌入式软件和客户产品的匹配等等

Our product shall be consistent with the specification, but it does not mean all the items required by the customer have been tested by us; Partial items need to be verified by the customer including but not limited to the matching of the structure, the double sided adhesive tape (if any) and the embedded software between our product and the customer's complete application.

5.2 客户批准产品规格书，表示客户已经完整测试触摸屏样品和书面批准我司产品可以量产

The approval for the specification shall mean the customer has finished all the tests for the Touch Panel samples and Mass Production is allowed in written.

5.3 客户如有变更涉及我司产品，请注意重新测试评估，并且按需要通知我司，根据实际情况更新规格书

If there is any change at the customer's side involved to our product, retest for the product shall be required. We have to be informed of this change and will update the specification if necessary.

6.HSF 符合性说明 Compliance

产品符合 ROHS EU 2015/863、REACH 1907/2006/EC 要求，包材符合 94-62-EC 指令要求

products complies with ROHS EU 2015/863、REACH 1907/2006/EC requirements, and the packaging complies with 94-62-EC.

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7. 工程图 Engineering Drawing

