

1080P USB Camera SAMPLE APPROVAL SHEET
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Customer: Shenzhen Sed Initta Technology Co., Ltd.

Project name: 1080P USB Camera

Model: ZXHY-15X15-S22-V1.0

Approval: Zhongxin Hongye(Shenzhen) Technology Co., Ltd

Manufacturer	unit	engineering	quality department	examine and verify	ratify
ZhongXinHongYe	seal				

Customer	unit	engineering	quality department	examine and verify	ratify
SED Initta	seal				

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Zhongxin Hongye(Shenzhen) Technology Co., Ltd

1.Camera parameters

Product model	ZXHY-15*15-S22-V1.0	
Sensor	1/2.9"-inch 2MP	
Active pixel array	1920(H) *1080 (V)	
Pixel Size	2.8um (H)x2.8um(v)	
Output image format	MJPEG / YUV2 (YUYV)	
Supported resolution and frame rate	1920x1080 @ 30fps MJPEG 1280x720 @ 30fps MJPEG 800x600 @ 30fps MJPEG 640x360 @ 30fps MJPEG	1280x960 @ 30fps MJPEG 1024x576@ 30fps MJPEG 640x480 @ 30fps MJPEG
Assembly technology	SMT	
Center clarity	600~800LW/PH (Center)	
Interface type	USB2.0 High Speed	
AEC	support	
AEB	support	
AGC	support	
Lens specifications	Size: 1/2.9 EFL: 2.85 f/no:2.8 M12*P0.5	
power supply	USB5V 130mA	
Camera size	15*15*22mm	
wire stock	1.5m (selectable)	
system support	Win XP/Vista/Win7/Win8 / Linux with UVC (above linux-2.6.26) MAC-OS X 10.4.8 or later/Android 4.0 or above with UVC	
DMIC	1-channel digital silicon microphone	

2. Camera structure

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USB Pin		AMEND	
Gules	USB5V	REV.	DATE
White	DM	A	
Green	DP		
Black	GND		

Sensor Parameter		Lens Specification		CUSTOMER APPROVE		R&D
Chip Type	Focal Length	Electrical	Mechanical	TOLERANCE , RECOMMEND	PRODUCT NO.	PROJECT NAME
AVDD	F/NO			×× ± .20	DVH1	DSH
DOVDD	EFL			××× ± .20	CHKD1	APPD
DVDD	FOV			△ ± 1/4	NOT IN SCALE	UNIT mm
Output Format	TV Distortion					SHEET 1/1

TOP VIEW

SIDE VIEW

BOTTOM VIEW

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3.Appearance Specification

surface				
order number	project	ask	method of calibration	Disqualified classification
1	Module appearance	The surface of the module is no dirty, no visible scratches, and no impurities in the plastic	8X magnifying glass	A
2	lens	In 800 ± 100 Lux intensity light, 45 degrees of reflected light examination, no visible scars or dirt	8Xmagnifying glass	A
3	PCB	No dirt on the surface and clear printing font; The edge burr length is less than 1mm, and the width is less than 0.3mm; The edge gap length is less than 1mm and the width is less than 0.1mm	8X magnifying glass	A
External size				
order	project	ask	method of calibration	

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number				Disqualified classification
1	high	Comply with drawing requirements		A
2	length	Comply with drawing requirements	digital caliper	A
3	width	Comply with drawing requirements	digital caliper	A

4.ECO change

order number	entry	Before the change	after change