

# ST-F22NIR-USB2.0

## Supertek 2MP USB2.0 Camera Module

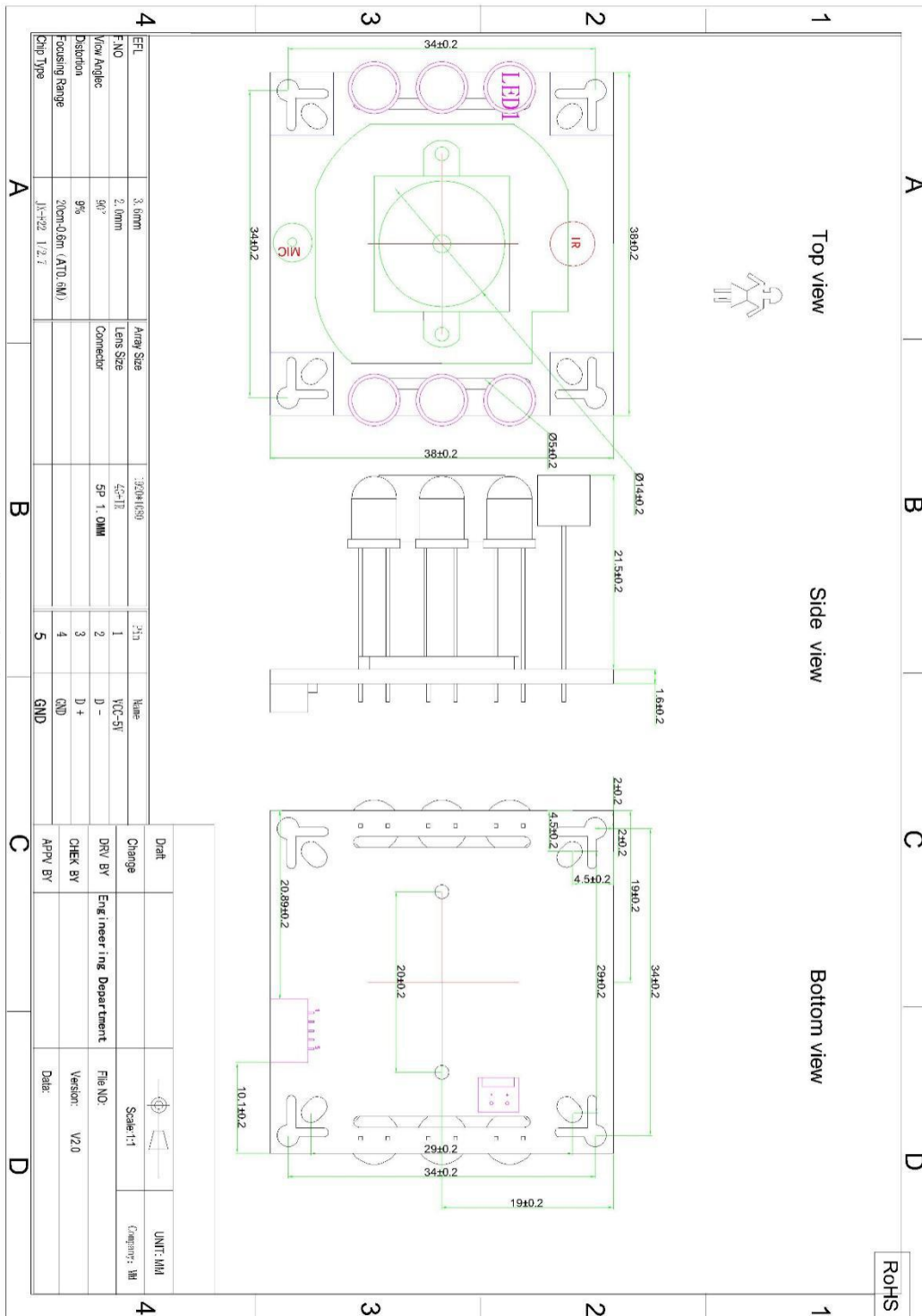


### SPECIFICATION

Image Sensor	1/2.7" CMOS JX-F22
Pixel Size	3um(H) x 3um(V)
Resolution	2.0 Megapixel 1920H x 1080V
Output Format	MJPEG, YUV2
FOV	90 degree, more view angle for option by requirement
Lens	EFL: 3.6mm F/NO: 2.0mm
Focus type	Fixed focus
Shutter type	Electronic Rolling shutter
Key Function	IR CUT to switch day/night vision perfectly
Protocol & Connection	Plug & Play, UVC compliant
Output & Power Supply	USB2.0
Power Socket	5P 1.0mm socket
Supported OS	Win XP/Vista/Win7/Win8/Win10 MAC OS X El Capitan 10.11.4, Linux /Android, Wince with UVC

Controllable Features	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White balance, Backlight Contrast, Exposure		
Cable length	Default 1m USB cable		
Module Size	38*38 mm		
<b>WORKING CONDITION</b>			
Power Consumption	USB DC +5V Supply		
Operating Temperature	-20° ~ +70°		
Storage Temperature	-40° ~ +85°		
Humidity	80 ~85%		
FORMAT	RESOLUTION	FRAME RATE	
		USB3.0	USB2.0
<b>MJPEG</b>	1920X1080		25fps
	1280X720 (720P)		25fps
	800x600 (WVGA)		25fps
	640X480 (VGA)		25fps
<b>YUY2</b>	1920X1080		5fps
	1280X720 (720P)		5fps
	800x600 (WVGA)		5fps
	640X480 (VGA)		25fps

# PRODUCT DIMENSION



4	3.0mm	Array Size	320x1280	353	Name	YCC-5T
FNO	2.0mm	Lens Size	4±0.12	1	D -	D -
View Angles	96°	Connector	SP 1.0MM	2	D +	D +
Distortion	9%			3	(ND)	(ND)
Focusing Range	20cm-0.6m (ATD, ON)			4	GND	GND
Chip Type	JK-122 1.2.7			5		

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