

# ST-IMX179FF-USB3.0

## Supertek 8MP USB3.0 Optical Camera Module



### SPECIFICATION

Image Sensor	1/3.2" CMOS IMX179
Pixel Size	1.4um(H) x 1.4um(V)
Resolution	8.0 Megapixel 3264H x 2448V
Output Format	MJPEG, YUV2
FOV	82 degree
Lens	FEL: 5.1mm F/NO: 1.8mm
Focus type	Fixed focus
Lens construction	4G11P+IR
TV distortion	<2%
Relative Illumination	50%
IR filter	650nm
Output & Power Supply	USB3.0 USB2.0 &1.1
Power Socket	8 pin micro connector
Supported OS	Win XP/Vista/Win7/Win8/Win10 MAC OSX El captain 10.11.4, Linux /Android, Wince with UVC

For more information relating to cameras, please send us email via [sales@supertekmodule.com](mailto:sales@supertekmodule.com), or visit our website [www.supertekmodule.com](http://www.supertekmodule.com)

Controllable Features      Brightness, Contrast, Saturation, Hue, Sharpness, Gamma,  
White balance, Backlight Contrast, Exposure

Fixed Pattern Noise      <0.03%

Module Size      38\*38\*60 mm

### WORKING CONDITION

Power Consumption      USB DC +5V Supply

Operating Temperature      0° ~ +50°

Storage Temperature      -10° ~ +70°

Humidity      80 ~85%

FORMAT	RESOLUTION	FRAME RATE	
		USB3.0	USB2.0
<b>MJPEG</b>	3264 x 2448 (8MP)	15fps	15fps
	2592X1944 (5MP)	15fps	15fps
	2048*1536 (2K)	15fps	15fps
	1920x1080 (1080P)	30fps	30fps
	1600x1200 (UXGA)	30fps	30fps
	1280X720 (720P)	30fps	30fps
	800x600 (WVGA)	30fps	30fps
	640X480 (VGA)	30fps	30fps
<b>YUY2</b>	3264 x 2448 (8MP)	15fps	N/A
	2592X1944 (5MP)	15fps	N/A
	1920x1080 (1080P)	30fps	N/A
	1600x1200 (UXGA)	30fps	N/A
	640X480 (VGA)	30fps	N/A

# PRODUCT DIMENSION

