

# ST10-378AF

## Supertek 11MP 4K USB2.0 Camera Module



### SPECIFICATION

Image Sensor	1/2.3" IMX378
Pixel Size	1.55um(H) x 1.55um(V)
Resolution	11 Megapixel 3840 H x 2880 V
Output Format	MJPEG, YUV2
FOV	79 Degree
Lens	EFL: 4.77mm F/NO: 1.75mm
Focus type	Auto Focus
Shutter type	Electronic Rolling shutter
Audio Input	Support
Protocol & Connection	Plug & Play, UVC compliant
Output & Power Supply	USB 2.0
Power Socket	4P SMT
Supported OS	Windows, Android, Linux, Wince, Mac OS
Controllable Features	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White balance, Backlight Contrast, Exposure
Cable length	Default 1m USB cable

Module Size 38 X 38 mm

## WORKING CONDITION

Power Consumption USB DC +5V Supply

Operating Temperature -20° ~ +60°

Storage Temperature -20° ~ +85°

Humidity 80 ~85%

FORMAT	RESOLUTION	FRAME RATE	
		USB2.0	USB3.0
MJPEG	3840X2880(11MP)	15FPS	
	3840X2160 (4K)	30FPS	
	3264 x 2448 (8MP)	30FPS	
	2592 x 1944 (5MP)	30FPS	
	2048 x 1536	30FPS	
	1920 x 1080 (1080P)	30FPS	
	1600 x 1200 (UXGA)	30FPS	
	1280 x 960	30FPS	
	1280 x 720 (720P)	30FPS	
	800 x 600 (WVGA)	30FPS	
	640 x 480 (VGA)	30FPS	
YUY2	3840X2880(11MP)	1FPS	
	3840X2160 (4K)	1FPS	
	3264 x 2448 (8MP)	1FPS	
	2592 x 1944 (5MP)	1FPS	
	2048 x 1536	1FPS	
	1920 x 1080 (1080P)	5FPS	
	1600 x 1200	1FPS	
	1280 x 960	5FPS	
	1280 x 720 (720P)	10FPS	
	800 x 600 (WVGA)	10FPS	
	640 x 480 (VGA)	30FPS	

# PRODUCT DIMENSION

