

ST10-258AF-12M002

Supertek 12MP/4K USB2.0 Camera Module



SPECIFICATION

Image Sensor	1/3.06" IMX258
Pixel Size	1.12um
Resolution	12 Megapixel 3840H x 3104V
Output Format	MJPEG, YUV2
FOV	75 degree
Lens	EFL: 3.7mm F/NO: 2.0
Image color	Color
Focus type	Auto Focus
Shutter type	Electronic Rolling shutter
Protocol & Connection	Plug & Play, UVC compliant
Output & Power Supply	USB 2.0
Power Socket	5P 1.0mm connector
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 50mm*20mm

WORKING CONDITION

Power Consumption USB DC +5V Supply

Operating Temperature -20° ~ +80°

Storage Temperature -40° ~ +85°

Humidity 80 ~85%

FORMAT	RESOLUTION	FRAME RATE	
		USB2.0	USB3.0
MJPEG	3840 x 3104 (12MP)	15fps	
	3840 x 2160 (4K)	30fps	
	3264 x 2448 (8MP)	30fps	
	2592 x 1944 (5MP)	30fps	
	2048 x 1536 (3MP)	30fps	
	1920 x 1080 (1080P)	60fps	
	1600 x 1200 (UXGA)	60fps	
	1280 x 720 (720P)	60fps	
	800 x 600 (WVGA)	60fps	
	640 x 480 (VGA)	60fps	
YUY2	1920 x 1080 (1080P)	15fps	
	1280 x 720 (720P)	30fps	
	800 x 600 (WVGA)	30fps	
	640 x 480 (VGA)	30fps	

PRODUCT DIMENSION

