

ST10-577V2-U3

Supertek 12MP USB3.0 Camera Module



SPECIFICATION

Image Sensor	1/2.3" IMX577
Pixel Size	1.55um(H) x 1.55um(V)
Resolution	12MP 4000 H x 3000 V
Output Format	MJPEG, YUV2, H.264, H.265, NV12
FOV	100 Degree
Lens	EFL: 3.24mm F/NO: 2.7mm 4G+2P IR 650NM
Focus type	Manual Focus/Fixed Focus
Shutter type	Electronic Rolling shutter
Minimum Illumination	0.1 Lux
Protocol & Connection	Plug & Play, UVC compliant
Output & Power Supply	High Speed USB 3.0
Power Socket	USB3.0, 4K-HDMI
Supported OS	Windows, Android, Linux, Wince, Mac OS
Controllable Features	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White balance, Backlight Contrast, Exposure
Cable length	Default 1.5m USB cable
Module Size	38 X 38 mm

For more information relating to cameras, please send us email via sales@supertekmodule.com, or visit our website www.supertekmodule.com

WORKING CONDITION

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
MJPEG	4000x3000 (12MP)	25FPS	30FPS
	3840x2160 (4K)	30FPS	30FPS
	2560x1440 (2K)	30FPS	30FPS
	3264x2448 (8MP)	30FPS	30FPS
	2852x1944 (5MP)	30FPS	30FPS
	2048x1536 (3MP)	30FPS	30FPS
	1920x1080 (1080P)	30FPS	30FPS
	1280x720 (720P)	30FPS	30FPS
	640x480 (VGA)	30FPS	30FPS
	320x240 (QVGA)	30FPS	30FPS
YUY2	4000x3000 (12MP)	8FPS	30FPS
	3840x2160 (4K)	15FPS	30FPS
	2560x1440 (2K)	30FPS	30FPS
	3264x2448 (8MP)	15FPS	30FPS
	2852x1944 (5MP)	25FPS	30FPS
	2048x1536 (3MP)	30FPS	30FPS
	1600x1200 (2MP)	30FPS	30FPS
	1920x1080 (1080P)	30FPS	30FPS
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	640x480 (VGA)	30FPS	30FPS
	320x240 (QVGA)	30FPS	30FPS
NY12	4000x3000 (12MP)	8FPS	30FPS
	3840x2160 (4K)	15FPS	30FPS
	2560x1440 (2K)	30FPS	30FPS
	3264x2448 (8MP)	15FPS	30FPS
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H.264	3840x2160 (4K)	15FPS	30FPS
	2560x1440 (2K)	30FPS	30FPS
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PRODUCT DIMENSION

