

ST-IMX291-USB2.0

Supertek 2MP USB2.0 Camera Module



SPECIFICATION

Image Sensor	1/2.8" CMOS IMX291
Pixel Size	2.9um(H) x 2.9um(V)
Resolution	2.0 Megapixel 1920H x 1080V
Output Format	MJPEG, YUV2
FOV	80 degree, more view angle for option by requirement
Lens	EFL: 4.2MM F/NO: 2.4MM
Focus type	Fixed focus
Shutter type	Electronic Rolling shutter
Audio Input	No
Protocol & Connection	Plug & Play, UVC compliant
Output & Power Supply	USB2.0
Power Socket	4P 2.0mm 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
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Cable length Default 1m USB cable

Module Size 38*38 mm

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	1920x1080 (1080P)		30fps
	1280X720 (720P)		30fps
	640X480 (VGA)		30fps
YUY2	1920x1080 (1080P)		5fps
	1280X720 (720P)		10fps
	640X480 (VGA)		30fps

PRODUCT DIMENSION

