

ST-AR0230-USB2.0

Supertek 2MP USB2.0 Camera Module



SPECIFICATION

Image Sensor	1/2.7" CMOS AR0230HDR
Pixel Size	3um(H) x 3um(V)
Resolution	2.0 Megapixel 1920H x 1080V
Output Format	MJPEG, YUV2
FOV	90 degree, more view angle for option by requirement
Lens	EFL: 3.6mm F/NO: 2.0mm
Focus type	Fixed focus
Shutter type	Electronic Rolling shutter
Audio Input	No
Max Dynamic range	Up to 105dB
Output & Power Supply	USB2.0
Power Socket	4P 1.5mm 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		
Cable length	Default 1m USB cable		
Module Size	32*32 or 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
	800x600 (WVGA)		30fps
	640X480 (VGA)		30fps
YUY2	1920x1080 (1080P)		5fps
	1280X720 (720P)		10fps
	800x600 (WVGA)		20fps
	640X480 (VGA)		30fps

PRODUCT DIMENSION

