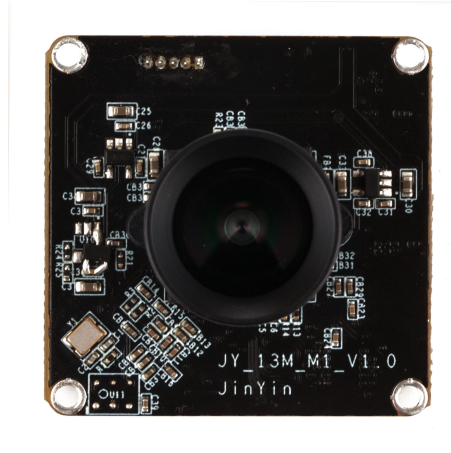


# UC130MPA

Spinel 13 MP USB Camera Module with SONY IMX214



## UC130MPA-Features

**13 MP Resolution with Sony IMX214 sensor, auto-focus available**

**Plug-&-Play (UVC compliant)**

**USB 2.0 device with USB 2.0 cable**

## Specifications

Image Device	1/3.06" SONY IMX214		
Pixel Size	1.12 $\mu$ m x 1.12 $\mu$ m		
Resolution	<b>13 MP 4192(H) X 3104(V)</b>		
<b>Output Format</b>	<b>MJPEG / YUV2 (YUYV)</b>		
Shutter Type	Electronic rolling shutter		
Focus	Manually adjustable or auto-focus		
Protocol & Connection	<b>Plug-&amp;-Play (UVC compliant)</b>		
<b>Frame Rate (Max.)</b>	640X480	MJPEG @35fps	YUV2 N/A
	1280X720	MJPEG @15fps	YUV2 N/A
	1280X960	MJPEG @30fps	YUV2 N/A
	1600X1200	MJPEG @30fps	YUV2 N/A
	1920X1080	MJPEG @14fps	YUV2 @ 5fps
	2048x1536	MJPEG @30fps	YUV2 N/A
	2592x1944	MJPEG @9fps	YUV2 N/A
	3264x2448	MJPEG @9fps	YUV2 N/A
	4192x3104	MJPEG @8fps	YUV2 @ 2fps
Minimum Illumination	<b>0.1 Lux</b>		
IR-Cut Filter (IR Filter)	Default at 650nm IR filter, others available		
Lens	Default <b>80 degree FOV non-distortion lens</b> , options 60 degree auto-focus, 2.8mm, 3.5mm, 4.5mm, Fisheye Lens, CS lens and others upon request		
Night Vision	Supported with the use of IR or white light LED's		

For more information relating to cameras, please contact us, via email at [info@spinelectronics.com](mailto:info@spinelectronics.com)

Or by phone at 800-837-5859; or visit our Website: [www.spinelectronics.com](http://www.spinelectronics.com)

Controllable Features	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White balance, Backlight Contrast, Exposure
IR Illumination	Supported when supplied with IR LED
Power Socket	5P PH1.25mm socket, USB BUS Power
Cable Length	Default 4ft(1.2M) (optional 2M or others upon request)
<b>Supported OS</b>	Win XP/Vista/Win7/Win8/Win10 Linux with UVC (linux-2.6.26 or later) MAC-OS X 10.4.8 or later Wince with UVC Android 4.0 or higher with UVC

<b>Environmental</b>	
Power Consumption	<b>DC5V (±5%), &lt;400mA</b>
Operating Temp.	-22°F~185°F (-30°C~+85°C)
Storage Temp.	-40°F~185°F (-40°C~+85°C)
Humidity	Less than 80%
Dimension in Millimeters	<b>38mm x 38mm</b>
Weight	Approx. 12 Grams or 0.4 Ounce

### **Windows Testing Application – AMCAP**

Can be downloaded from Spinel's site [here](#).