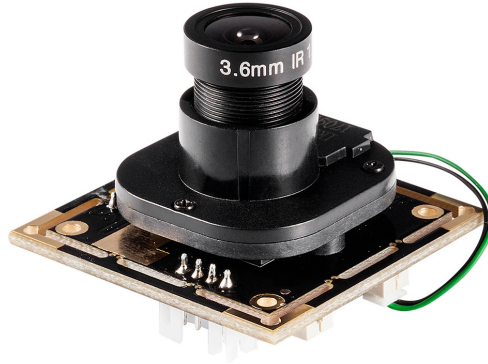


# UC13MPA

Spinel 1.3 Mega Pixels USB Camera Module with AR0130 Sensor



## UC13MPA-Features

**960P, 1.3 MP Resolution, WDR**

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

**USB 2.0 device with USB 2.0 cable**

## Specifications

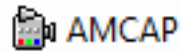
Image Device	1/3" CMOS AR0130		
Pixel Size	3 $\mu$ m x 3 $\mu$ m		
Resolution (Max)	<b>1.3 MP</b> 1280(H) X 960(V)		
<b>Output Format</b>	<b>MJPEG / YUV2 (YUYV)</b>		
Shutter Type	Electronic rolling shutter		
Focus	Manually adjustable		
Focusing Range	20mm to Infinity		
Protocol & Connection	<b>Plug-&amp;-Play (UVC compliant)</b>		
<b>Frame Rate (Max)</b>	320X240	MJPEG @ 15fps	YUV2 @ 30fps
	640X480	MJPEG @ 15fps	YUV2 @ 30fps
	800X600	MJPEG @ 15fps	YUV2 @ 9 fps
	1280X720	MJPEG @ 15fps	YUV2 @ 9 fps
	1280X960	MJPEG @ 5 fps	YUV2 @ 9 fps
Minimum Illumination	<b>0.05 Lux</b>		
<b>WDR</b>	82.5db		
IR-Cut Filter (IR Filter)	Default at 650nm, custom options at 850nm or 940nm.		
Lens	Default <b>3.6mm lens</b> , Custom options 2.1mm, 2.8mm, 3.6mm, 6mm, 8mm, 12mm, 16mm, Pin-hole 2.8mm, 3.7mm, 4.3mm lens, 185 Degree Fisheye, CS lens and others upon request		
Night Vision	Supported with use of IR lens and IR illuminator		
Controllable Features	Brightness, Contrast, Saturation, Hue, Sharpness,		

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)

IR Illumination	Gamma, White balance, Backlight Contrast, Exposure Default not available, 12 or 24pcs 850nm/940nm/white light LED board can be added upon request
Power Socket	4P PH 2.0mm socket, USB BUS Power
Cable Length	Default 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

Environmental	
Power Consumption	<b>DC5V (±5%), 150~200mA</b>
Operating Temp.	-4°F~167°F (-20°C~+75°C)
Storage Temp.	-40°F~185°F (-40°C~+85°C)
Humidity	Less than 80%
Dimension in Millimeters	<b>38mmx 38mm (Mount compatible with 32 x 32mm)</b>
Weight	Approx. 12Grams or 0.4Ounce

## Windows Testing Application - AMCAP



1. The "AMCAP" can be downloaded from Spinel site:
2. For preview, please select the camera first, then go to Options--->Preview
3. To change resolution, please go to AMCAP--->Options--->Video Capture Pin