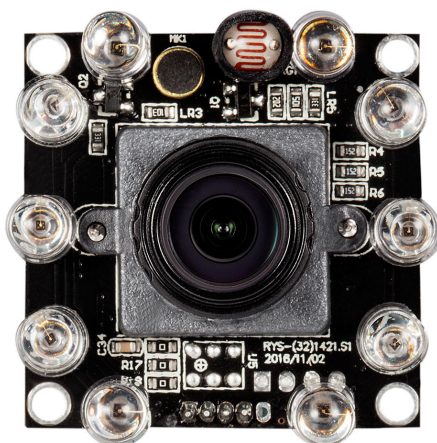


UC03MPD

Spinel Low Light VGA USB Camera Module Infrared



UC03MPA-Features

VGA Resolution, Low light, built-in Microphone and 10pcs IR LED's

Plug-&-Play (UVC compliant)

USB 2.0 device with USB 2.0 cable

Specifications

Image Device	1/4" CMOS		
Pixel Size	6µm x 6µm		
Resolution	0.3MP 640(H) X 480(V)		
Output Format	MJPEG / YUV2 (YUYV)		
Shutter Type	Electronic rolling shutter		
Focus	Manually adjustable		
Focusing Range	20mm to Infinity		
Protocol & Connection	Plug-&-Play (UVC compliant)		
Frame Rate (Max.)	160x120	MJPEG @60fps	YUV2 @ 25fps
	176X144	MJPEG @60fps	YUV2 @ 25fps
	320X240	MJPEG @60fps	YUV2 @ 25fps
	352X288	MJPEG @60fps	YUV2 @ 25fps
	640X480	MJPEG @60fps	YUV2 @ 25fps
	Minimum Illumination	0.005 Lux	
IR-Cut Filter (IR Filter)	Default no IR filter, 850nm or 940nm IR filter optional.		
Lens	Default 3.6mm lens , Custom options: 1.7mm, 2.1mm, 2.8mm, 6mm, 8mm, 12mm, 16mm, circular 185degree fisheye Lens and others upon request		
Audio	Built-in digital microphone on board		
Night Vision	Supported with 10pcs IR LED's built-in on board		
IR Illumination	Default 10 pcs 850nm IR LED's built-in on board		
Controllable Features	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White balance, Backlight Contrast, Exposure		

For more information relating to cameras, please contact us, via email at info@spinelectronics.com
Or by phone at 800-837-5859; or visit our Website: www.spinelectronics.com

Power Socket	4P PH 1.5mm socket, USB BUS Power
Cable Length	Default 1.2M(4ft) (optional 2M or others upon request)
Supported OS	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	DC5V (±5%), 140mA
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	32mmx 32mm
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