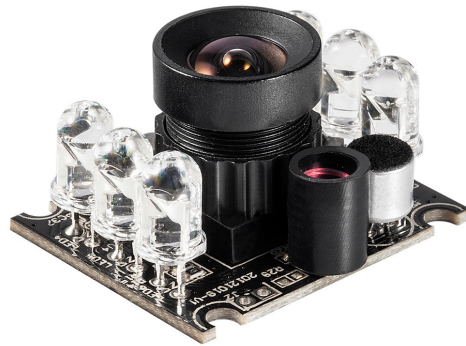


UC10MPB

Spinel 720P USB Camera Module Infrared with NT99141 Sensor



UC10MPA-Features

720P, 1 MP Resolution, 6 infrared LED's and Microphone built-in on board

Plug-&-Play (UVC compliant)

USB 2.0 device with USB 2.0 cable

Specifications

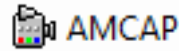
Image Device	1/4" CMOS NT99141		
Pixel Size	3 μ m x 3 μ m		
Resolution	1 MP 1280(H) X 720(V)		
Output Format	MJPEG / YUV2 (YUYV)		
Shutter Type	Electronic rolling shutter		
Focus	Manually adjustable		
Focusing Range	20mm to Infinity		
Protocol & Connection	Plug-&-Play (UVC compliant)		
Frame Rate	320X240	MJPEG @ 30fps	YUV2 @ 30fps
	352X288	MJPEG @ 30fps	YUV2 @ 30fps
	640X480	MJPEG @ 30fps	YUV2 @ 20fps
	800X600	MJPEG @ 30fps	YUV2 @ 30fps
	1280X720	MJPEG @ 30fps	YUV2 @ 10fps
Minimum Illumination	0.05 Lux		
Microphone	Supported		
IR-Cut Filter (IR Filter)	Default at 850nm, 940nm or no filter per request.		
Lens	Default 95 degree FOV non-distortion lens , Custom options 1.7mm, 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 by the built-in IR LED's		
Controllable Features	Brightness, Contrast, Saturation, Hue, Sharpness,		

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

IR Illumination	Gamma, White balance, Backlight Contrast, Exposure Default 6 pcs 850nm infrared LED built-in onboard, optional 940nm/white light LED's upon request
Power Socket	4P PH 2.0mm socket, USB BUS Power
Cable Length	Default 1.2M (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%), 150~200mA
Operating Temp.	-4°F~158°F (-20°C~+70°C)
Storage Temp.	-40°F~185°F (-40°C~+85°C)
Humidity	Less than 80%
Dimension in Millimeters	30mmx 25mm
Weight	Approx. 9Grams or 0.30ounce

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