



Specification

General Behavior		
Video Resolution @ Frame rate	2048 x 1536	YUV @ 3 fps
	1600 x 1200	YUV @ 3 fps
	1280 x 1024	YUV @ 4 fps
	640 x 480	YUV @ 30 fps
	320 x 240	YUV @ 30 fps
	2048 x 1536	MJPEG @ 15 fps
	1600 x 1200	MJPEG @ 15 fps
	1280 x 1024	MJPEG @ 10 fps
	1024 x 768	MJPEG @ 30 fps
	800 x 600	MJPEG @ 30 fps
	640 x 480	MJPEG @ 30 fps
	320 x 240	MJPEG @ 30 fps
	Adjustment	The following can be adjusted manually: Brightness, Contrast, Hue, Saturation, Sharpness, Gamma, White Balance (default: Auto), Backlight Comp, Gain, Focus (Auto Only), Exposure (default: Auto).
Interface (Optical)		
Sensor specification	OmniVision OV3640 sensor	
Shutter	Rolling	
Format	1/4"	
Resolution	H:2048, V:1536	
Pixel size	H: 1.75 um, V: 1.75 um	
Interface (Electrical)		
Interface	USB 2.0	
Supply voltage	USB 2.0 +5 VDC power source	
Current consumption	Approx. 210 mA at 5 VDC	
Interface (Mechanical)		
Dimensions	L: 100 mm, W: 12 mm, H: 6 mm	
Mass	3 g	
Environmental		
Max. temperature (operation)	0 °C ~ 50 °C (32 °F~ 122 °F)	
Max. temperature (storage)	-20 °C ~ 80 °C (-4 °F~176 °F)	
Max. humidity (operation)	20 % ~ 80 %, relative, non-condensing	
Max. humidity (storage)	20 % ~ 80 %, relative, non-condensing	



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