



LEOPARD IMAGING INC

LI-M034USB3-AF

Data Sheet

Key Features

- USB 3.0 Super Speed support
- YUV output without compression
- UVC compliance
- USB 2.0 backwards compatible
- Support Manual 18X Zoom function
- Support Manual Focus function
- Support stereo audio
- Provide customization services
- Dimensions: 90mmx50mmx50mm
- USB +5VDC powered device



Applications

- Machine Vision
- Medical Camera
- Video Conference
- Scientific Camera



Leopard Imaging Inc.

48820 Kato Rd, Suite 100B, Fremont, CA 94538, USA
Phone: +1-408-263-0988
Fax: +1-408-217-1960
Email: sales@leopardimaging.com
Website: www.leopardimaging.com

Specification

General Behavior	
Video Resolution @ Frame rate	1280 x 960 @ 30 fps 1280 x 720 @ 30 fps 768 x 432 @ 30 fps 640 x 480 @ 30 fps 640 x 360 @ 30 fps 352 x 288 @ 30 fps 320 x 240 @ 30 fps
Sensitivity	TBD
Dynamic range	12 bit
Audio	Support stereo audio
Interface (Optical)	
IR cut filter	Yes
Sensor specification	ON Semi MT9M034 720p HD Sensor
Shutter	Rolling
Format	1/3"
Resolution	H:1280, V:960
Pixel size	H:3.75 um, V: 3.75 um
WDR	Support WDR (Wide Dynamic Range)
Interface (Electrical)	
Interface	USB 3.0
Supply voltage	USB 3.0 +5 VDC power source
Current consumption	Approx. 520 mA at 5 VDC
Interface (Mechanical)	
Dimensions	L: 90 mm, W: 50 mm, H: 50 mm
Mass	128 g
Adjustment (Manual)	
Shutter	TBD
Gain	TBD
Zoom	Support
Focus	Support
Adjustment (Auto)	
Shutter	TBD
Gain	TBD
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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