

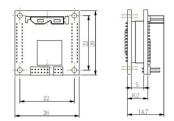
LI-USB30-V034 Data Sheet

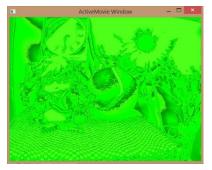
Overview

Leopard Imaging USB 3.0 camera is new generation super speed USB Video camera which supports more than 3G video bandwidth to stream 1080p 30fps video without compression, it provides sharper and high quality images for scientific and medical industries, Global shutter camera can support high speed conveyor line for machine vision application, lossless image quality and low latency streaming is great for video conference camera industry.

Applications

- Machine Vision
- Medical Camera
- Scientific Camera





RAW data streaming



Key Features

- USB 3.0 Super Speed support
- RAW data output without compression
- UVC compliance
- USB 2.0 backwards compatible
- Support either CS or M12 lens
- Provide customization services
- USB +5VDC powered device
- Compact Size: 26mmx26mm
- 2 Boards are stacked



Camera Tool view mode



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Specification

Sensor	Aptina MT9V034 Global Shutter WVGA Sensor
Active Pixels	752H x 480V
Optical format	1/3"
Pixel size	6.0x6.0um
Resolution	VGA (640 x 480), 240P (320 x 240)
Streaming	Support VGA 60fps and 240P 75fps video streaming
Data type	RAW data USB 3.0 real time streaming
Color	Monochrome
Global Shutter	For high speed application
Lens	CS / M12 lens mount support (Default: M12 lens)
Interface	USB 3.0 interface
Power	USB 3.0 +5VDC power source
Compact size	26mmx26mm
Part#	LI-USB30-V034
Computer	■ With USB 3.0 Port. The port can be realized
	via a mainboard-based host adapter or via a
	separately installed host adapter card
	 USB 2.0 backwards compatible
USB cable for USB 3.0 Micro-B	
Port	109876 54321
	≈1.8mm
	≈0.65mm
Operation System	32 bit / 64 bit Microsoft Windows XP SP3
	32 bit / 64 bit Microsoft Windows 7
G 6	32 bit / 64 bit Microsoft Windows 8
Software	Leopard Imaging Camera Tool
	GraphEdit
	AMcap Otherwides contume as five at
Town outrons and Hamilita	Other video capture softwate
Temperature and Humidity	■ Housing temperature during operation: 0 °C ~
	50 °C (32 °F~ 122 °F) • Humidity during energtion: 20 % 80 %
	 Humidity during operation: 20 % ~80 %, relative, non-condensing
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	 Storage temperature: -20 °C ~80 °C (-4 °F~176 °F) Storage humidity: 20 %~ 80 %, relative, non-condensing