



LEOPARD IMAGING INC

LI-USB30-AR0330ICPB

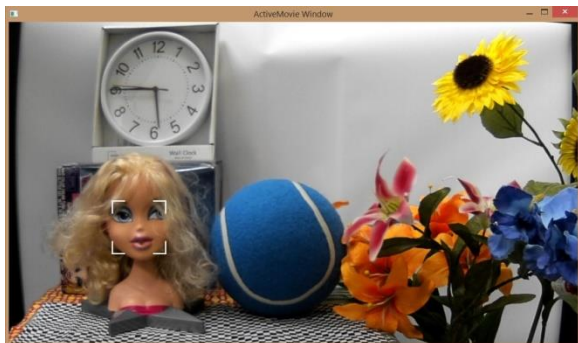
Data Sheet

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
- Video Conference
- Scientific Camera



Key Features

- USB 3.0 Super Speed support
- YUV or RAW data output without compression
- UVC compliance
- USB 2.0 backwards compatible
- Support CS lens (Not include Lens)
- Provide customization services
- Support Face detection
- USB +5VDC powered device

SDK Supported

- Camera Tool Source Code in C#
- Capture & Display



Leopard Imaging Inc.

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Specification

General Behavior	
Video Resolution @ Frame rate	2304 x 1536 @ 22 fps 1920 x 1080 @ 30 fps 1280 x 720 @ 30 fps
Sensitivity	TBD
Dynamic range	12 bit
Interface (Optical)	
IR cut filter	Yes
Sensor specification	Aptina AR0330 3M pixels Sensor
Shutter	Rolling
Format	1/3"
Resolution	H:2304, V:1536
Pixel size	H: 2.2 um, V: 2.2 um
Lens mount	CS lens mount support
Interface (Electrical)	
Interface	USB 3.0
Supply voltage	USB 3.0 +5 VDC power source
Current consumption	Approx. 450 mA at 5 VDC
Interface (Mechanical)	
Dimensions	L: 30 mm, W: 30 mm, H: 30 mm
Mass (without lens)	30 g
Adjustment (Manual)	
Shutter	TBD
Gain	TBD
Adjustment (Auto)	
Shutter	Support
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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