



LEOPARD IMAGING INC

Rev. 1.0

LI-USB30-IMX226CB

Data Sheet

Applications

- Machine Vision
- Medical Camera
- Scientific Camera

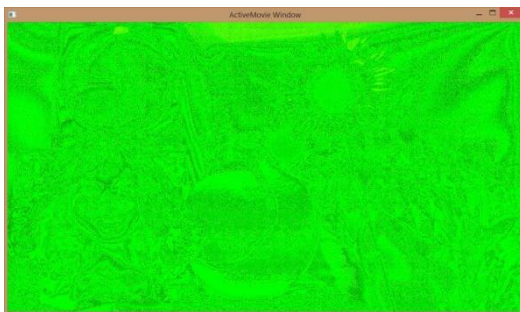


SDK Supported

- Camera Tool Source Code in C#
- Capture & Display
- RAW to RGB Conversion
- Save file as BMP & RAW format
- Color matrix

Key Features

- USB 3.0 Super Speed support
- RAW data output without compression
- UVC compliance
- Color camera
- Support CS lens (Not include Lens)
- Compact Size: 30mmx30mm
- Provide customization services
- USB +5VDC powered device



RAW data streaming



Camera Tool view mode



Leopard Imaging Inc.

48820 Kato Road, 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	4000 x 3000 @ 10 fps
Dynamic range	TBD
Interface (Optical)	
IR cut filter	Yes
Sensor specification	Sony Diagonal 9.33 mm (Type 1/1.7) CMOS Image Sensor IMX226
Shutter	Rolling
Format	1/1.7"
Resolution	H:4168, V:3062
Pixel size	H:1.85 um, V: 1.85 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. 156 mA at 5 VDC
Interface (Mechanical)	
Dimensions (without lens)	L: 30 mm, W: 30 mm, H: 30 mm
Mass (without lens)	30 g
Adjustment (Manual)	
Shutter	Support
Gain	Support
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
Supported OS	
Support Windows, Linux OS and other OS which includes the UVC drivers	



Leopard Imaging Inc.

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