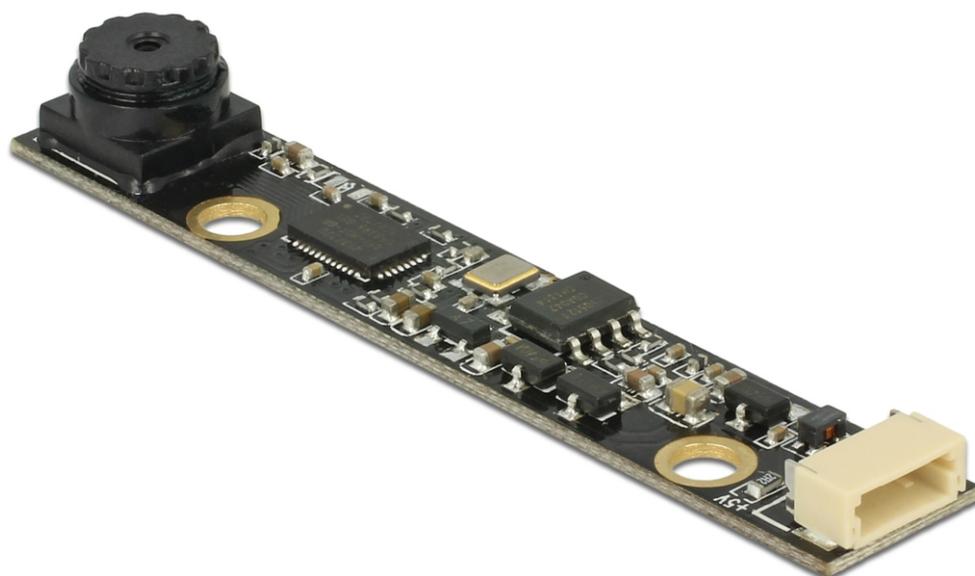


Specification

96366

Delock USB 2.0 camera module 1.92 Mpix 45°

EAN: 404361963669



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1. Profile

The Delock 96366 camera module includes a powerful 1/4" CMOS sensor. This product is designed for IPCs sensors, safety systems and human machine interactions and support USB 1.1/2.0 driver free interface.

Technical Specification

- USB specification compliance
- USB 2.0 & 1.1 compliance
- USB video V1.1 compliance (UVC)
- USB audio V1.0 compliance
- USB high speed, full speed auto switching
- USB Video Class compliant, works with native driver in Microsoft Windows XP 32-bit/64-bit, VISTA 32-bit/64-bit, Windows 7 and Windows 8 system
- Auto Exposure (AE). Auto White Balance (AWB) □
- Auto Flicker Correction. Color Correction.
- Gamma Correction.
- Dark Level Compensation.
- Auto Edge enhancement.
- Software controlled connection to USB bus for re-enumeration.
- Adjustable and dynamic frame rate control on USB transaction.
- Automatic frame rate adjustment when exposure in low light environment.
- Selective suspend to minimize power consumption.

System requirements

- Device with Microsoft Windows Vista/7/8 /10 or Linux above kernel 2.6.15 with Viedo4Linux

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2. Capability Parameter: 2.1 Sensor Specification:

Parameter	SPEC.
Optical size Sensor	1/4 inch COMS sensor
Sensor Resolution	1280 (H) x 720 (V)
Unit pixel size	1.4 um
Color filter	RGB Bayer Pattern
Shutter type	Electronic Rolling Shutter
Max. capture frame rate	15 fps @ full resolution, 15fps @ UXGA,
Max. video frame rate	30 fps @ VGA, 25 fps @ 720p
F Number	2.5
AEC / AGC/ White Balance	Auto
Focus Distance	with fixed lens 5 cm - ∞
Perspective Angle	45°
Interface	USB 2.0
Power	USB Bus Power
Dimensions (L x W x H)	60 mm x 8 mm x 6.3 +/- 0.2 mm
Operating Temperature	0 °C ~ 50 °C
Operating System Request	Windows 7/8.1/10, Linux (>V2.6)
Max pixel rate	28 Mp/s
ADC accuracy	10 bit
USB 2.0 PHY	On Chip PHY
Power Consumption Standby	4 mA
Power Consumption Operating	100 mA ± 10mA @ 720P

2.2 Module Resolution

	720p	UXGA	SVGA	VGA
Solution	1280 x 720	1600 x 1200	800 x 600	640 x 480
MJPEG framerate	25 fps	15 fps	30 fps	30 fps

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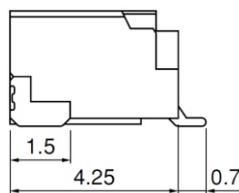
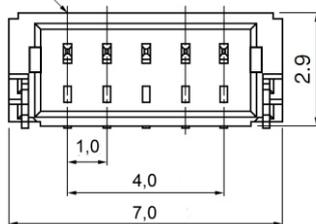
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3. Wiring diagram:

(5pin 1.0mm pitch) connector definition:

Pin.	Symbol	I/O	Description
1	USB+5V	I	+5V power
2	USB-D+	O	USB cable-
3	USB-D-	O	USB cable+
4, 5	GND	I	GND

Circuit No.1



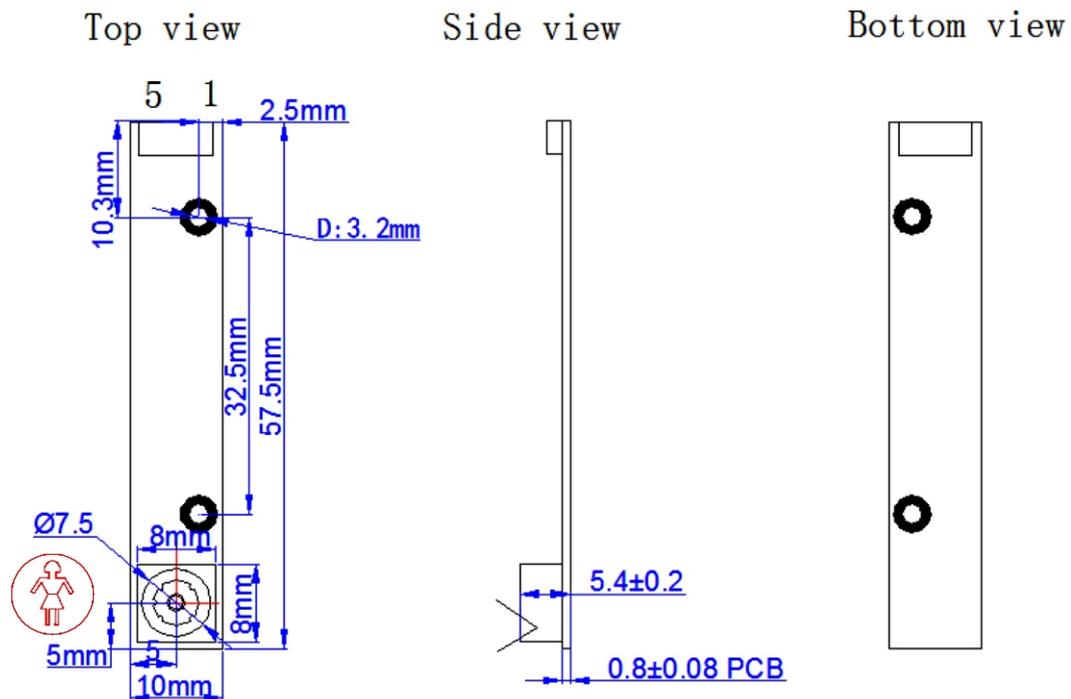
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4. Mechanical drawing



Specification

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WEEE note

The WEEE (Waste Electrical and Electronic Equipment) directive, which came into force on 13 February 2003, lead to a comprehensive change in the disposal of used electric products. It is the main purpose of this directive to avoid electric waste products (WEEE), while simultaneously promoting the re-usage, recycling and other forms of reconditioning in order to reduce the amount of waste. The WEEE logo on the product and the package shows that the product should not be disposed of with regular garbage. You are responsible for disposing all used electric and electronic devices at the corresponding collection sites. The separate collection and meaningful re-usage of electronic waste helps to deal with natural resources more economically. In addition, re-using electronic waste contributes to the preservation of the environment and human health. Additional information regarding the disposal of electric and electronic devices, their re-usage and the collection sites can be found at your local authorities, disposal companies, specialist shops and the manufacturer of the product.

RoHS conformity

This product complies with the directive 2002/95/EC of the European parliament and the council from January 27th 2003 concerning the restricted use of dangerous substances in electrical and electronical devices (RoHS) as well as its modification. This product is compliant with Directive 2011/65/EU of 3 January 2013.

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Support Delock

If you have further questions, please contact our customer support
support@delock.de.

You can find current product information on our homepage: www.delock.com.

Final clause

Information and data contained in this manual are subject to change without notice in advance. Errors and misprints excepted.

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