

# MACHINE VISION SOLUTIONS



## USB 3.0 CMOS Industrial Cameras

The PixelINK PL-D700 USB 3.0 CMOS line of cameras have been designed to provide quality and versatility with a smaller form factor and remote head capabilities. The USB 3.0 interface provides outstanding real-time capability along with high bandwidth rates of 350MB/s.

For a list of our USB 3.0 cameras please visit [pixelink.com](http://pixelink.com)

### Applications

- » Medical Imaging
- » Inspection
- » Metrology
- » Strength Testing
- » Pharmaceutical Inspection
- » Biotechnology
- » Biometrics



### Important Features

- » Available in 1.3 to 15.0 MP resolutions
- » High resolution
- » Low noise images
- » Fast frame rates
- » Software Development Kit

U3V Compliant • Fast & Easy Integration • Free Tech Support

## USB 3.0 Camera Models

New 9MP and 12MP Models Offer Superior Image Quality for OEM Industrial Applications

Model	Mega Pixels	Sensor	Lens Format	Pixel Pitch	Color Space	Sensor Diagonal	F/R (fps)	Shutter Type	Bit Depth
<b>PL-D721</b>	1.3	On Semi (Vita 1300)	1/2"	4.8 $\mu\text{m}$	M/C	7.87 mm	150	Global	10
<b>PL-D722</b>	2.3	On Semi (Vita 2000)	2/3"	4.8 $\mu\text{m}$	M/C	10.87 mm	92	Global	10
<b>PL-D725</b>	5.3	On Semi (Vita 5000)	1"	4.8 $\mu\text{m}$	M/C	15.86 mm	75	Global	10
<b>PL-D726</b>	6.6	On Semi (IBIS 4)	1"	3.5 $\mu\text{m}$	M	13.10 mm	5.3	Rolling	10
<b>PL-D729</b>	9.5	On Semi (Mano 9600)	2/3"	2.4 $\mu\text{m}$	M	10.98 mm	22	Rolling	10
<b>PL-D732</b>	2.2	CMOSIS (cmv2000)	2/3"	5.5 $\mu\text{m}$	M/C	12.75 mm	170	Global	10
<b>PL-D734</b>	4.2	CMOSIS (cmv4000)	1.1"	5.5 $\mu\text{m}$	M/C	15.93 mm	90	Global	10
<b>PL-D752</b>	2.3	Sony (IMX174)	1/1.2"	5.86 $\mu\text{m}$	M/C	13.27 mm	165	Global	12
<b>PL-D755</b>	5.0	Sony (IMX250)	2/3"	3.45 $\mu\text{m}$	M/C	11.10 mm	80	Global	12
★ <b>PL-D759</b>	9.0	Sony (IMX255)	1"	3.45 $\mu\text{m}$	M/C	16.10 mm	45	Global	12
★ <b>PL-D7512</b>	12.0	Sony (IMX253)	1.1"	3.45 $\mu\text{m}$	M/C	17.60 mm	35	Global	12
<b>PL-D775</b>	5.0	Aptina (Mono MT9P031) Aptina (Color MT9P006)	1/2.5"	2.2 $\mu\text{m}$	M/C	7.13 mm	14	Rolling	12
<b>PL-D7715</b>	15.0	Aptina (MT9F002)	1/2.3"	1.4 $\mu\text{m}$	C	7.87 mm	13	Rolling	12

★ New Models

View our full line of cameras at [pixelink.com](http://pixelink.com)

## The Choice Is Yours

### Choose Your Sensor

PixeLINK offers a variety of Global and Rolling shutter sensors differing in resolution, size, frame rate with both color and monochrome options.

### Get The Right Interface

USB 3.0 is a fast, cost effective, simple interface.

### Select Your Configuration

Enclosed I/O or non I/O case designs offer you greater flexibility with standard case configurations. PixeLINK board level cameras provide an increased degree of mounting flexibility while maintaining the same feature set and image quality of our enclosed cameras.

# Fast and Easy Camera Integration with PixeLINK SDK

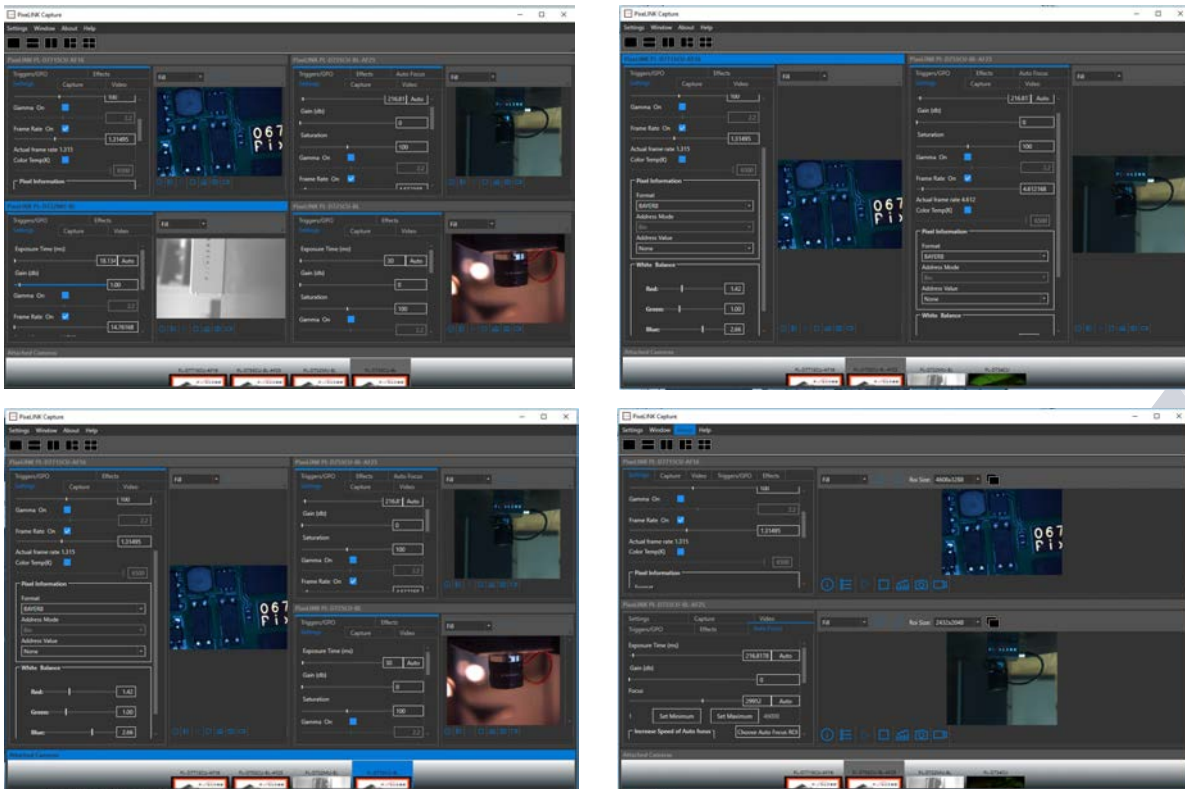
The PixeLINK Software Development Kit (SDK) provides access to the full PixeLINK Application Programming Interface (API), sample applications with full source code, wrappers for a number of 3rd party controls such as LabVIEW, and full documentation. The SDK is compatible with Visual Basic, Visual C and Visual C++ on Windows™ Vista, 7, 8 and 10 (32-bit and 64-bit) and Linux platforms.

PixeLINK Capture also acts as a camera configuration utility and provides access to camera features that may not be available with standards-based camera definitions such as DCAM (IIDC) or GigE Vision software packages.

## The PixeLINK SDK Offers

- » A powerful, simple interface
- » A common command set for all cameras
- » Fast access to streaming video
- » Trigger and I/O controls (HW and SW)
- » Capture and save images and AVI video clips
- » Full source code

**PixeLINK Capture software allows you to test and configure your camera, optics and lighting and see the results on screen.**



For additional info on SDK and API visit [pixelink.com/support-camera/sdk/](http://pixelink.com/support-camera/sdk/)



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1900 City Park Drive, Suite 410  
Ottawa, Ontario K1J 1A3, Canada  
Tel: 613.247.1211  
sales@pixelink.com

200 Commerce Drive  
Rochester, New York 14623, USA  
Tel: 800.521.5454  
sales@pixelink.com

