PixeLINK®
MICROSCOPY CAMERAS

PL-A662 (1280 x 1024) 1.3 MP

The **PL-A662** series of Microscopy Cameras is a **1.3** MP sensor designed for cost efficient applications while delivery great image quality. These cameras are designed for a broad range of microscopy applications, and use the Kodak KAC-1310 CMOS rolling shutter (progressive scan) sensor.

The PL-A622 camera family is equipped with a standard FireWire A interface, and ships with the necessary software to connect the camera to your computer.

Key Features

- PixeLINK µScope Standard included
- High quality Kodak sensor
- Broad range of applications
- Microscope mount design
- Total camera control via software
- C mount

Sensor

Sensor	Kodak KAC-1310
Type	Rolling Shutter, Progressive Scan
Pixel Pitch	6.0 µm x 6.0 µm
Active Area:	
PL-A662	7.68 mm x 6.14 mm = 9.83mm diagonal
Peak QE	38 % (color)

Optical Format

Optical Format	1/2”

Enviromental & Regulatory

Compliance	FCC Class B, CE & RoHS
Shock & Vibration	300 G & 20 G (10Hz - 2KHz)
Operating Temp.	5°C to 60°C (non-condensing)
Storage Temp.	-45°C to 85°C

Power Requirements

Voltage Req.	8 -30 V DC
Power Consumption	3 W

Computer & Operating System

Processor	2.0 GHz or better
Memory	512 MB min. 1 GB recommended
Operating System	Windows XP, Vista, 7 (32 & 64 bit)
Hard Drive Space	75 MB

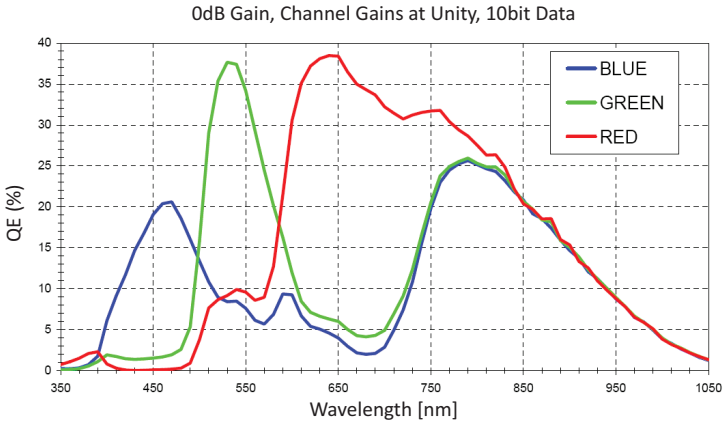
*Frame Rates (Bayer 8)

Camera	FPS
PL-A662	12

Performance Specifications

Responsivity	0.6 V/Lux-sec peak RGB
FPN	<1 %
PRNU	<4 %
Read Noise	<6 DN
Dynamic Range	54 dB
Bit Depth	8 & 10-bit
Color Data Formats	Bayer 8, Bayer 16
Exposure Range	100 µs to 1.0 seconds free running
Image Formats	Bitmap, Tiff, JPEG, PSD
Video Format	Uncompressed AVI

Responsivity Curve - Color



*Frame rates will vary based on host system and configuration

PixeLINK®
1900 City Park Drive, Suite 410
Ottawa, Ontario
K1J 1A3 | Canada
www.pixelink.com
Tel. 613-247-1211 | Fax. 613-247-2001