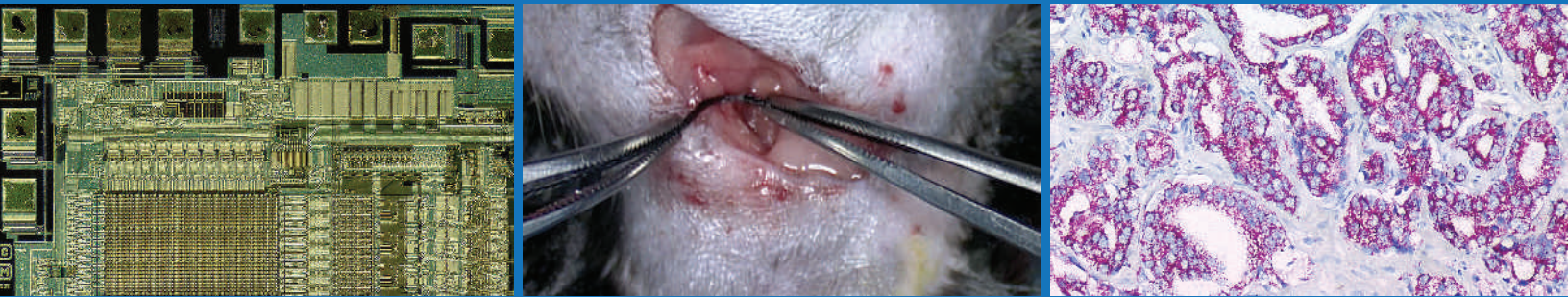


# OPTRONICS®

## OcularCINEMA HD

### 1 CMOS HD Microscope Camera Package

The **OcularCINEMA HD** high definition CMOS microscope camera package is our latest innovation representing a full featured HD microscope camera, compatible HD C-Mount adapter and simple easy-to-use image capture software. This innovative imaging solution offers real time HD streaming performance (1080p, 60fps) directly to an HD monitor and a simultaneous USB connection for image capture to your computer. In addition, HD video can be simultaneously recorded on-board the camera using a standard SD card.



Simple and easy-to-use, **OcularCINEMA HD** is the ideal imaging solution for life science, laboratory or material microscope applications.

#### **OcularCINEMA HD Features Include:**

- Ultra-fast auto and manual exposure
- Full 1080p 60 frame rates
- Simultaneous HDMI and USB output
- Onboard Video and Image Capture
- ROI white balance for simple white target referencing
- Real-time color adjustments
- Digital zoom
- Image Comparison
- HD optical c-mount for most microscopes
- Free Simple easy-to-use software



# 1 CMOS HD Microscope Camera Package

STUNNING DETAIL & IMAGE CLARITY

## SPECIFICATIONS

Sensor:	1080P/Sony IMX236
Size (mm):	1/2.8" (5.5 X 3.4)
Pixel (µm):	2.8 X 2.8
FPS/Resolution:	60@1920X1080P (HDMI) 30@1920X1080 (USB)
Binning:	1 X 1
Exposure:	0.1ms~999ms
Interface:	USB, HDMI, SD Card
On Screen Control Panel:	Exposure, Gain, White Balance, Color, Sharpness
USB2.0 Connection:	Operating System - Microsoft® Windows® XP / Vista / 7 / 8 / 8.1 (32 & 64 bit) OS X(Mac OS X) Linux
CPU Requirements:	PC Requirements - CPU: Equal to Intel Core2 2.8GHz or Higher, Memory: 4GB or More, USB Port: USB2.0 High-Speed Port, CD-ROM
Operating Environment:	Operating Temperature: 10~50 C, Storage Temperature: 20~ 60 C, Operating Humidity: 30~80%RH, Storage Humidity: 10~ 60%RH Power Supply: DC 12V/1A Adapter
HD C-Mount Adaptor:	Included for Most Microscopes



Microscope Installation



Side View



Top View



Nikon® Microscope Adapter



Olympus® Microscope Adapter



Leica® Microscope Adapter

**OPTRONICS®**

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