



# *Opera*

## *C205*

### *IEEE 1394*

### *Scientific Camera*

Born from the industry-leading Opera series, Opera C205 is the new high performance Alkeria CCD colour digital camera for life science microscopy and industrial imaging applications.

This 1/2" 1.3Megapixel scientific camera features very high sensitivity and dynamic range. Its full-12 bit pixel processing provides unprecedented colours and exceptional image details. Opera C205 is a FireWire camera and requires no framegrabber. This allows for portability with laptop computers and control of multiple cameras from one controller.

Opera C205 will be available in the second half of 2007.



**Sensor Type**

CCD 1/2" 1.3 MegaPIXEL (SONY ICX205AK)

**Cell Size**

4.65  $\mu\text{m}$  x 4.65  $\mu\text{m}$

**A/D Conversion**

12 bits per pixel

**Interface**

IEEE 1394 FIREWIRE DCAM V1.30

**Transfer Rate**

400 Mb/s

**Data Formats**

RGB 24 bit - YUV 4:2:2

**IR Filter Cutoff**

700 nm

**Resolution**

Up to 1360 x 1036

**Lens Adapter**

C-mount standard

**Shutter Control**

1ms to 4 sec, 1ms steps

**I/O**

4 IN + 4 OUT (used as GPIO, triggers and strobes)