

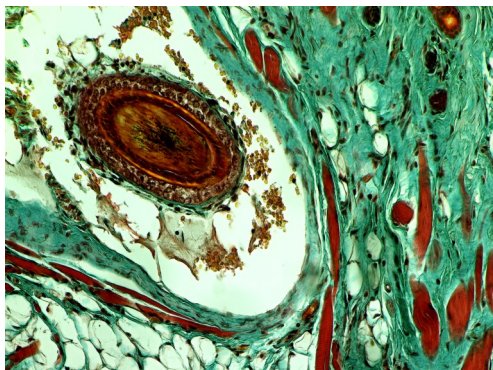


# ADVANCED IMAGING CONCEPTS

## AX74KRT1C



- 16.65 Mpixel STARVIS 2 back-illuminated CMOS sensor
- Ultra Fine Color Engine Excellent ISP with local tone mapping and 3D de-noising.
- Real Time video EDF function.
- 4K/1080P auto switching according to monitor resolution.
- One-click image acquisition and storage capability.



## 4K Megapixel CMOS USB 3.0 Camera

**High Resolution Color Camera designed for the Biological and Material Science Microscopy Field with Embedded Measurement Software**

### Features for AX74KRT1C

Sensor Type	SONY IMX283C STARVIS2 CMOS Sensor
Sensor Size	1/1.1 inch, (13.06mm x 7.34mm)
Effective Pixels	5440x3060, 2.4 $\mu$ x 2.4 $\mu$ pixel size
Frame Rate	30fps @ 3840x2160 / 1920x1080
Exposure Time (ms)	0.104 -1000
Lens Interface	C-mount
Digital output	10/12 bit
Shutter	Electronic Rolling Shutter
Scan Mode	4K 30fps low delay HDMI output mode
Automatic Exposure	Automatic / Manual
White Balance	Automatic / Manual / ROI
Storage	SD Card/USB3.0 Flash Drive
Cables supplied	HDMI, USB
Interface Connector	USB 3.0, LAN, HDMI
G Sensitivity	1847mv with 1/30s(550nm)
Power requirement	DC12V/1A Adapter (included)
Operating Temperature	-10°C to 50°C
Operating Humidity	30%-80%, RH
Dimensions	98.3mmx78mmx65mm
Includes	64Gig USB3.0 drive / 27" 4K Monitor

**AX74KRT1C** 4K Color Microscope Camera with Large Format Sensor is designed to be a cost-effective, versatile solution for documentation of life science, and industrial imaging where ease of use and Wide FOV is paramount. Live video @30fps with 4K resolution through HDMI monitor provides for real-time focus, with auto exposure and Embedded software provides for overlay measurements to efficiently capture images or H.264 Videos. Included 64Gig USB 3.0 flash drive, mouse, cables, AC power adapter, 27" 4K Monitor all ensure a simple plug and play installation. No computer required.

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