ACCU·SCOPE®
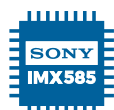
MICROSCOPY & IMAGING SOLUTIONS

Excelis 4K

UHD MICROSCOPY CAMERA

The high performance 4K camera delivers full UHD images with exceptional color and resolution. *CaptaVision+* imaging software adds advanced acquisition, image processing, measurement, report generation, plus more!

The AU-800-4KS version includes a 13.3" monitor that can be mounted directly to the camera allowing easy use of the camera's built-in software with heads-up viewing, and space-saving design.

Key Features

- 8MP CMOS
- SONY IMX585
- 30 fps
- 2.9μm
- COLOR
- Sensor Size 1/1.2"
- HDMI/USB3 GigE
- CaptaVision+
- MAC & PC COMPATIBLE

Recommended Applications

CLINICAL/CELL BIOLOGY
- Pathology
- Histology
- Microbiology
- Hematology

INDUSTRIAL
- Inspection
- Documentation
- Measurement

EDUCATION
- Dissection
- Instruction
- Demonstration
- Training
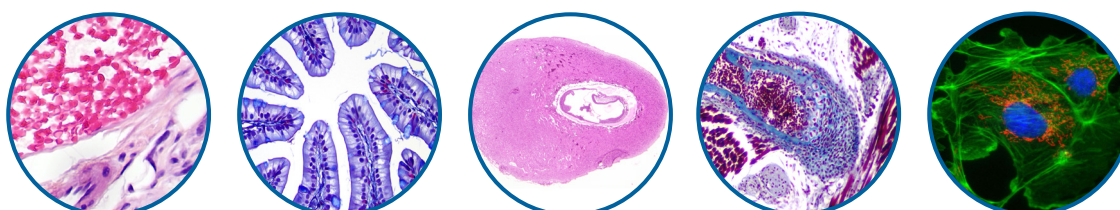
Empowering Discovery. Advancing Results.

Excelis 4K
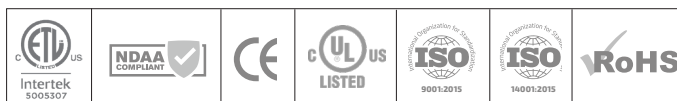## UHD MICROSCOPY CAMERA

Key *CaptaVision+* Software Features

- Intuitive & customizable user interface
- Simple calibration and measurements
- Advanced control of exposure, gain, color balance, etc.
- Powerful image processing tools
- Intelligent flat field correction
- Record video with voice
- JPG, TIFF, PNG, DICOM image types
- Flexible report generation and data export
- Voice recording with video

USB 3.0, HDMI & LAN ports allow for multiple connectivity

Excelis 4K camera & monitor (CAT# AU-800-4KS) shown on an an EXC-400 microscope (sold separately)

CAMERA & SOFTWARE SPECIFCATIONS

Model	**AU-800-4K** *(camera only)* **AU-800-4KS** *(camera & monitor)*
Sensor	**Sony IMX585, CMOS, color**
Sensor Size	**13.33mm (1/1.2"), 0.65x C-mount recommended**
Resolution	**8MP; 3840 (H) x 2160 (V)**
Pixel Size	**2.9µm x 2.9µm**
Frame Rate	**HDMI: 30fps @ 3840x2160** **USB 3.0: 30fps @ 3840 x 2160** **GigE (Ethernet): 30fps @ 3840 x 2160**
Image Capture	**8MP / 4GB USB 3.0 memory stick** *(included)*
Exposure Time	**0ms - 1sec**
White Balance	**Auto / manual**
Settings	**Gain, gamma, saturation**
Data Interface	**USB 2.0 (mouse), USB 3.0, HDMI, GigE (Ethernet)**
PC and Mac Imaging Software	*CaptaVision+* **Imaging Software for PC and Mac OS** *Advanced Camera Controls:* **live/still image measurement and annotation; scale bar, flat field correction; extended depth of focus (focus stacking); image stitching; HDR (high dynamic range) function** *Image Types:* **JPG, PNG, TIF & DICOM TWAIN driver available**
System Software Compatibility	**Windows 7, 8, 10 & 11** *(64-bit recommended)* **Mac OSX 10.4 and higher** *System Recommendations:* **intel i5 or better (Quad Core or better); 16GB RAM or more; USB 2.0 high-speed port minimum (USB 3.0 recommended)**
Power/Weight	**2.4W / 505g**

MONITOR SPECIFCATIONS

Monitor *(optional)*	**Mountable 13.3" Monitor**
Input Modes	**AC power, HDMI**

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