

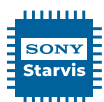
Excelis HD LITE

HIGH DEFINITION MICROSCOPY CAMERA

High-fidelity color microscopy camera delivers true, real-time 1080P HD images for a wide variety of scientific, education and industrial applications. On-board software allows operation without a PC or use with **CaptaVision+ v3.0** advanced imaging software. Optional attachable HD monitor.



Key Features



Recommended Applications

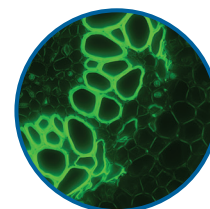
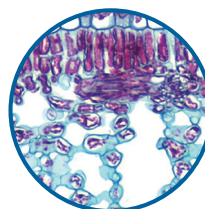
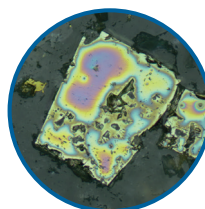
BRIGHTFIELD

- Pathology
- Cell biology
- Live cell imaging
- Microbiology

EDUCATION & TRAINING

INDUSTRIAL

- Inspection
- Measurement & Analysis
- Documentation



Empowering Discovery. Advancing Results.

Excelis HD Lite Series

HIGH DEFINITION MICROSCOPY CAMERA

Key CaptaVision+ v3.0 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



*Model AU-300-HDS
shown on EXC-120
microscope*

WHAT'S IN THE BOX

Excelis HD Camera, HDMI Cable, USB 2.0 Cable,
12V Power Adapter, 8GB SD Card, USB Mouse,
CaptaVision+ v3.0 PC Imaging Software

ON-BOARD SOFTWARE FEATURES

No PC required to start imaging!

Camera control including:

- Auto and manual exposure
- White balance (lock or auto)
- Color temperature

Image viewing tools:

- Horizontal/vertical flip
- Zoom in/out
- Crossline Display
- Image browser
- Image comparison

Capture images and videos to SD card (included)

CAMERA & SOFTWARE SPECIFICATIONS

Model	AU-300-HD (no monitor) AU-300-HDS (w/ 11.6" monitor)
Sensor	SONY Starvis IMX335LQN-C
Sensor Size	1/2.8", 0.35x C-mount recommended
Live Resolution	1920 (H) x 1080 (V)
Frame Rate	30fps (HDMI); 15fps (USB 2.0)
Image Capture	SD Card (8GB): 2592x1944 USB 2.0: 2592x1944
Video Capture	HDMI: 1080p, 15fps to SD Card USB 2.0: 1080p, 15fps to PC or Mac
Exposure Time	Auto; 0.001 sec - 10.0 sec
White Balance	Auto
Settings	Gain, gamma, saturation, brightness, sharpness
Built-in Software	Cloud 1.0
PC and Mac Imaging Software	CaptaVision+ v3.0 Imaging Software Advanced Camera Controls: still image measurement and annotation; flat field correction; manual focus stacking; manual image stitching; HDR (high dynamic range) function; video with Voice recording Image Types: JPG, PNG, TIF & DICOM TWAIN driver available
System Software Compatibility	Windows 7, 8, 10 & 11 (64-bit recommended) Mac OS 12 (Monterey) or higher System Requirements: intel Core i5 or higher, Quad Core or more; 64GB RAM or more; USB 2.0 high-speed port

MONITOR SPECIFICATIONS

Monitor (optional)	Mountable 11.6" HD Display
Input Modes	AC power, HDMI



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