

Excelis MPX-20C

HIGH RESOLUTION MICROSCOPY CAMERA

High resolution, high performance microscopy camera with outstanding color, high-speed USB 3.0 connectivity and advanced **CaptaVision+** imaging software for a wide range of applications.



Key Features



ROLLING



COLOR



1"



USB 3



MAC & PC
COMPATIBLE

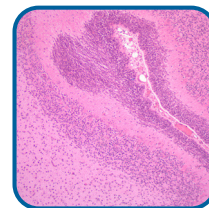
Recommended Applications

BRIGHTFIELD

- Pathology
- Cell biology
- Cytology
- Microbiology
- Environmental science

EDUCATION

- INSPECTION
- DEMONSTRATION
- DOCUMENTATION



Empowering Discovery. Advancing Results.

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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
- Real-time fluorescence image synthesis
- Real-time stitching and depth-of-field fusion
- Flexible report generation and data export



MPX-20C shown on a 3076 microscope on an LED stand (sold separately)

CAMERA & SOFTWARE SPECIFICATIONS

Model	AU-20C-CMOS
Sensor/Model	CMOS • Sony IMX183CQJ-J
Sensor Size	1"; 1.0x C-mount (recommended)
Pixel Size	2.4µm x 2.4µm
Resolution	5472 (H) X 3648 (V)
Frame Rate	15fps @ full frame (3072 X 2048); 53fps @ 2736 X 1824; 67fps @ 1842 X 1216
Shutter Mode	Rolling
Exposure Time	0.13ms–15s
Automatic Settings	Exposure, White Balance
Manual Settings	Exposure, Gain, Noise Reduction, Gamma, Flat Field Correction
Color Temperature	2000-15000K
ADC Depth	12Bit
Operating Temperature & Humidity	0-60°C
Camera Size & Weight	68x68x46mm / 330g
Data Interface	USB 3.0, compatible with USB 2.0
PC and Mac Imaging Software (See additional features at right)	<p>CaptaVision+ Imaging Software for PC and Mac OS</p> <p>Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching; fluorescence image settings; fluorescence multi-color channel merge; HDR (High Dynamic Range) function</p> <p>Image Types: JPEG, PNG, TIFF and DICOM (DICOM not available for Mac) TWAIN driver available</p>
System Software Compatibility	<p>Windows 7, 8, 10, 11 (64-bit recommended); Mac OSX 10.4 and higher</p> <p>System Requirements: Intel i5 or better (Quad Core or better); 16GB RAM or more; USB 2.0 high-speed port minimum (USB 3.0 recommended)</p>



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