



NEW 5 Megapixel



FlexCam® 2

910-171-200

**EduCam  
optimized**

Detailed Specifications (March 2013)

Camera	<b>Image Sensor</b>		<b>5.0 Megapixel CMOS</b>	
	<b>Pixel Count</b>		<b>2595 x 1944</b>	
	<b>Frame Rate</b>		<b>30 fps at 1920 x 1080</b>	
	<b>Field of View</b>		<b>11 x 17 / A3</b>	
	OSD	Yes	On Screen Display via the software	
	Output Resolution		HD 1080P	
	Output	Yes	USB 2.0 to computer for VGA, RGB (DVI, HDMI depending on your computer's configuration)	
	RS232	Yes	via Software interface of computer	
	USB	Yes	USB 2.0 compliant	
	USB Cable	Yes	Factory installed 1.8m USB 2.0	
	Operating Temperature		0 -- 50C	
	Head Rotation	Yes	170°	
	Lighting	Yes	2 High output white LEDs	
	Lux		>1	
	Power Source		USB	
	Cross Platform OS	Yes	Windows & Mac	
	UVC Driverless	Yes	USB Video Class NO DRIVER required to operate (Advanced features with driver extension)	
	MSI support	Yes	installation, maintenance, and removal of software via Microsoft server	
	Memory	Yes	Image / Video via computer memory Image Recording: 400 minimum* average 132,000 images per standard hard drive space of 20GB at 2595 x 1944 Video Recording: 8 minutes minimum* OR 4 hours per standard hard drive space of 20 GB at AVI resolution 640 X 480	
	Advance Imaging	Yes	For Science, Math or Geography Studies to include 3D rendering, measurement of varied angles, counting, Art	
	Average Set up time		less than 5 minutes for 1 – 1,000 units using MSI for Cross platform software installations	
	Free Updates	Yes	For the life of the product on software and hardware	
	IWB Compliant	Yes		
	Viewing Angle		64.5°	
	Focal Distance		10mm or higher	
	Goose Neck	yes	20" / 51cm memory free surgical flexible neck	
	Lens		F2.8 coated autofocus	
Microscope Adapter	Yes	Included, fits most 28mm compaound microscopes. Optional, PRO adapter (part no. 910-171-230) fits 23mm compound eyepiece tubes & 30mm stereo eyepiece tubes.		
Controls	Digital Zoom	Yes	Controlled by software buttons up to 16x	
	Focus	Yes	Auto	
	White Balance	Yes	Auto or manual controlled by software buttons	
	Color/B&W	Yes	Black and White controlled by software buttons	
	Gamma Adjustment	Yes	Auto or manual controlled by software buttons	
	Negative/Positive	No	Controlled by software buttons	
	Image Rotation	Yes	360° in both directions controlled by software buttons	
	Capture/Freeze	Yes	Freeze image via software button	
	Audio Recording	Yes	Built-in mic with multiple quality modes	
	Image Compression	Yes	MJPEG	
	Annotation	Yes	Through the software	
	Light Control	Yes	Controlled by button on head and through software	



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<b>Windows/Mac Software</b>	Applied Vision 4	Yes	Free windows XP+ and Mac 10.4+ enabled
	Full Screen	Yes	desktop enabled icon and single click software button via software
	Image Compression	Yes	JPEG
	Split Screen	Yes	Through the software
	Multiple Camera Support	Yes	2 - 8 running simultaneously
	Time Lapse Recording	Yes	Both Image and Video playback
	Drawing	Yes	Multiple pallet tools
	Video Playback	Yes	Through varied programs
	Document Orientation	Yes	Single Click Hardware button
	Auto Format Image	Yes	16:9 format and/or 4:3 format auto or manual select by software
	Distance Learning	Yes	Single Click software button UVC compliant
Export to MS Office	Yes	Drop down to MS Word or EXCEL Vector graphics - .svg estension	
<b>Tablet / Smartphone / Desktop</b>	<b>EduCam</b>	<b>Yes</b>	<b>Student App for iOS, Android, Mac, and Windows. Collaboration and instant assesment software.</b>
<b>Other Information</b>	Size		H25" 63cm maximum base 8"X8" 20.32cmX20.32X
	Weight		4.5lbs 2.04kg
	Certifications		UL, CE, FCC, RoHS, ISO -9001
	Warranty		5 Years

\*Interactive Whiteboard