FlexCam 2

910-171-200

Detailed Specifications (July 2011)

Camera			
	Image Sensor		3.2 Megapixel CMOS
	Pixel Count		2048 x 1536
	Frame Rate		30 fps at: 640 x 480, 800 x 600, 1024 x 768 15 fps at: 1280 x 1024, 1600 x 1200 13 fps at: 2048 x 1536
	Field of View		11 x 17 / A3
	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
	Lighting	Yes	2 High output white LEDs
	Power Source		USB
	Cross Platform OS	Yes	Windows, Macintosh, LINUX
	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 1280 X 1024 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		10cm -- ∞
	Goose Neck	yes	20" / 51cm memory free surgical flexible neck
	Lens		F2.8 coated autofocus
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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PO Box 1899 ● Burlington, NC 27216-1899
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Applied Vision 4 Software	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
Other Information	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

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