Touchboards

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ken-a-vision®
KNOWLEDGE THROUGH VISION

iCam Digital
910-171-102

Detailed Specifications (April 2011)

Camera	Image Sensor	KAV	1/4" CCD
	Pixel Count	ACT	512(H) x 581(V)
	Frame Rate	Yes	up to 30 fps
	OSD	Yes	Controlled by software buttons
	Output Resolution	Yes	640 x 480
	Output	Yes	S-Video, USB 2.0
	RS232	Yes	via computer
	USB Connection	Yes	2.0
	USB Cable	Yes	6' / 1.8 meters
	Operating Temperature	Yes	Minus 10°C – 45°C
	Lighting	Yes	Minimal greater than 3 lux NO ACCESSORY LIGHTS REQUIRED
	Power Source	Yes	DC 12V = 100-240V
	Cross Platform OS	Yes	Windows XP, 7/LINUX/MAC
	UVC Driverless	Yes	Plug-n-play
	MSI support	Yes	installation, maintenance, and removal of software via Microsoft server
	Advance Imaging	Yes	via Applied Vision 4 Software
	Average Set up time	Yes	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	Interactive White Board Compliant for most current boards
	Viewing Angle	Yes	60°: diagonal; 50°: horizontal
	Focal Distance	Yes	1/4" (0.6cm) to Infinity
	Goose Neck	Yes	26.38" / 67cm
	Lens	Yes	8mm
Controls	Digital Zoom	Yes	Controlled by software buttons up to 16x
	Focus	Yes	Manual
	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	Yes	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	Synchronized recording via software buttons
	Image Compression	Yes	JPEG
	Annotation	Yes	in software or working with Interactive Whiteboard interfaces
	Light Control	Yes	Low Light achieved through CMOS and varied through software with Memory Control
Applied Vision 4 Software	Full Screen	Yes	desktop enabled icon and single click software button via software
	Image Compression	Yes	Software Enabled JPEG
	Split Screen	Yes	Software
	Multiple Camera Support	Yes	8 running simultaneously processor speed required
	Time Lapse Recording	Yes	Both Image and Video playback
	Drawing	Yes	Multiple pallet tools
	Video Playback	Yes	Through varied programs

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	Document Orientation	Yes	Single Click software button
	Distance Learning	Yes	Single Click software button UVC compliant
	Auto Format Image	Yes	16:9 format and/or 4:3 fomat auto or manual select by software
	Export to MS Office	Yes	Drop down to MS Word or EXCEL
Other Information	Size		7" X 7.5" X 22" / 18cm X 19cm X 56cm
	Weight		4lbs / 1.81kgs
	Microscope Adapters		26mm, 28mm, 34mm
	Optional Upgrades		USB extension cable (VVC16USB); VGA Converter (V-VGACON)
	Certifications		CE, CSA, RoHS, Weee, ISO 9001 - 2000
	Warranty		2 Years

*Interactive Whiteboard

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