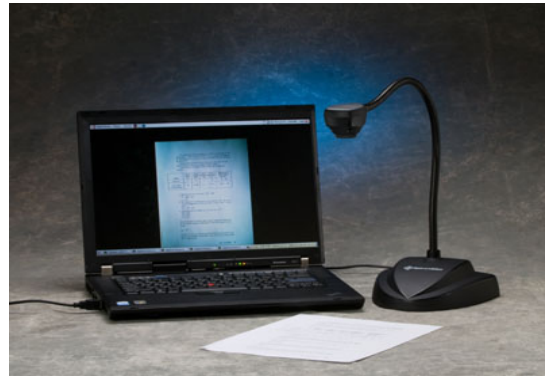# Auto Focus
Vision Viewer^{TM}

7880

No Cables, No Set Up, No Drivers, No Problems

Ken-A-Vision introduces the newest addition to their product line, the Auto Focus Vision Viewer™. The camera is an easy-to-use ideal solution for replacing the overheard projector. This camera features auto focus, is cross platform (Windows, Mac & LINUX), has a factory install USB cable, 1280 X 1024 SXGA resolution, and comes complete with Applied Vision™ 4 Software. AV4is MSI compatible and offers image capture, movies, time-lapse, rotate, brightness, contrast and much more.

Features
Auto focus
Plug-n-play
Quick set up
Upgradable for life of product
Low powered; green
Factory installed USB cable
Interactive Whiteboard compatible
Full screen
High resolution
Image capture, movies, time-lapse, rotate, brightness, contrast and much more

Detailed Specifications (June 2009)

Camera			
	Image Sensor	KAV	1/4" CMOS
	Pixel Count	ACT	1280(H) X 1024(V)
	Frame Rate	Yes	Variable with selected screen size
			Default 13 fps at max resolution of 1280 X 1024 (1.3)
			VGA 30 fps at resolution of 640 X 480
	Field of View		18.5" max 17" X 14" / 43cm X 36cm
	OSD	Yes	Controlled by software buttons
	Output Resolution	Yes	1.3 Mega pixel
	Output	Yes	VGA, RGB (DVI, HDMI depending on your computer's configuration)
	RS232	Yes	via Software interface of computer
	USB Connection	Yes	USB 2.0 compliant
	USB Cable	Yes	Factory installed 1.7 m USB 2.0
	Operating Temperature	Use	0 C - 50 C
	Lighting	Yes	Minimal greater than 20 lux NO ACCESSORY LIGHTS REQUIRED
	Power Source	N/A	5 VDC, 200 mA from USB port ONLY meeting green initiative
	Cross Platform OS	Yes	Windows, Mac, LINUX
	UVC Driverless	Yes	Universal Video Class NO DRIVER required to operate
	MSI support	Yes	installation, maintenance, and removal of software via Microsoft server

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	Memory	Yes	Image / Video
			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, and much more
	Average Set up time	N/A	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 degree: diagonal, 50 degree: Horizontal
	Goose Neck	Yes	360° X 180° Memory Free Surgical Flexible Neck with 5 year warranty on coating
	Lens	Yes	Glass: f =2.8, and f =1.729 mm
Controls	Digital Zoom	Yes	Controlled by software buttons up to 16x
	Focus	Auto	Controlled by software buttons
	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
	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	Minimum of 2; up to 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 software buttons
	Distance Learning	Yes	Single Click software button UVC compliant
	Export to MS Office	Yes	Drop down to MS Word or EXCEL
Other Information	Size		7" x 7" x 25" / 17.8cm x 17.8cm x 63.5cm
	Weight		3.64lbs / 1.65 kgs
	Additional Parts	N/A	None, all required components are attached or downloadable
	Certifications		CE, FCC, RoHS, ISO 9001-2008
	Warranty		3 Years

Optional Accessories	Remote Control	Remote Control with USB wireless connect and laser pointer
	Storage Case	Hard Sided lockable with handle and aluminum frame
	USB EXTENDER	USB Extender Cable 16ft (4.8m) up to 80ft (24.3m) with 4 pieces
	Dust Cover	Heavy Duty Clear Vinyl Dust Cover

Classroom Requirements: Computer	Processor	1.4 GHz (or greater) AMD or Intel processor
	RAM	512 MB RAM (or greater)
	Free Hard Drive	*200 MB free hard drive space
	OS	Windows XP, VISTA; Mac OS 10 or higher; LINUX
	Connection	USB 2.0
	Display	800x600 or higher-resolution display with 256 colors or greater
	Peripherals	Keyboard and mouse or IWB or slate or compatible pointing device

*200 MB free hard drive space

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