



Wireless WiFi enabled  
Vision Viewer™  
7880c

**NEW** 



Detailed Specifications (January 2015)

Camera	<b>Image Sensor</b>	KAV	<b>CMOS 3.2 Megapixel</b>	
	<b>Pixel Count</b>	ACT	<b>2048(H) X 1536(V)</b>	
	<b>Frame Rate</b>	Yes	Variable with selected screen size	
			<b>Default 20 fps at max resolution of 2048 X 1536 (3.2)</b>	
			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	
	<b>Output Resolution</b>	Yes	<b>HD 1080P</b>	
	Output	Yes	VGA, RGB (DVI, HDMI depending on your computer's configuration)	
	<b>WiFi enabled</b>	Yes	Multi-Operational as <u>Stand-Alone OR NETWORKED</u> IEEE 802.11 b/g/n.	
	<b>Cordless</b>	Yes	8+ hours operation from 5 hour charge	
	USB Powered	Yes	with 2A USB AC/DC charger included	
	Operating Temperature	Use	0° C - 40° C	
	Lighting	Yes	Minimal greater than 20 lux NO ACCESSORY LIGHTS REQUIRED	
	Power Source	Yes	USB Power Adapter included	
	Cross Platform OS	Yes	Windows, Mac	
	<b>Tablet enabled</b>	<b>Yes</b>	<b>iOS and Android with available Free app EduCam Classroom Viewer</b>	
	<b>Smartphone enabled</b>	<b>Yes</b>	<b>iOS and Android with available Free app EduCam Classroom Viewer</b>	
	Memory	Yes	Image only Stored on connected device: tablet or computer	
	Image Rate via WiFi	Yes	150Mbps	
	Stand-Alone Use	Yes	With EduCam and Tablet / Smartphone	
	WiFi Set up	Yes	Stand-Alone in less than 1 minute Networked based on Dynamic or Static IP set-up per Advance setting	
	Free Updates	Yes	For the life of the product on software	
	EduCam enabled	Yes	For Tablets, Computers and Smart phones	
	WiFi frequency	Yes	2.400--2.4835 GHz (subject to local regulations)	
	Selectable Channels	Yes	USA, Canada/ Europe (CE) / Japan (TELEC)	
	Viewing Angle	Yes	61 degree: diagonal, 51 degree: Horizontal	
Goose Neck	Yes	20" / 50.8cm - 360° X 180° Memory Free Surgical Flexible Neck with 5 year warranty on coating		
Lens	Yes	Glass: f =2.8 +/- 5%		
Controls	Brightness	Yes	Through Software	
	Focus	Yes	Controlled by hardware buttons	
	White Balance	Yes	Auto or manual controlled by software buttons in advance setup	
	Color/B&W	Yes	Black and White controlled by software buttons in advance setup	
	Color Control	Yes	Controlled by software	
	Contrast	Yes	Controlled by Software	
	Document Orientation	Yes	Controlled by hardware buttons	
	Capture/Freeze	Yes	Freeze image via gestures	
	Audio Recording	NO		
	Image Compression	Yes	MJPEG	



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	Annotation	Yes	via gestures with .svg integration and jpeg image save
	Full Screen	Yes	default through EduCam
	Image Compression	Yes	Hardware controlled varied through Teacher setup
	Multiple Tablet Support	Yes	4 - 8 tablets supported as Stand-Alone configuration +30 tablets supported at NET WORKED
	Multiple Camera Support	Yes	District, building wide
	Live Feed	Yes	selectable from 1 - 15 frames per second based on NET WORK in Teacher setup
	Drawing	Yes	Multiple pallet tools in EduCam
	Arrows	Yes	Through EduCam
	Document Orientation	Yes	Single Click software buttons
	Auto Format Image	Yes	Based on Hardware device: iOS, Android; Tablet, Smartphone
	Distance Learning	Yes	Built into WiFi set-up
	Export enabled	Yes	via EduCam save to function
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		1 Year Limited
Optional Upgrades	Storage Case		Hard Sided lockable with handle and aluminum frame
	Power Extension		2.5m USB power cable
	Dust Cover		Heavy Duty Clear Vinyl Dust Cover
Software	<b>EduCam</b>		<b>Free for Windows, Mac, iOS, Android</b>
	Full Screen		Default with EduCam
	Image Compression		MJPEG
	DHCP		Stand-Alone / Network (CLIENT/RELAY/SERVER)
	DNS		Dynamic
	Bandwidth		20MHZ/40MHZ
	Clock rate		up to 600MHz
	WPS		Supported
	Advance Security		WEP 64/128; TKIP, WPA, WPA2 mixed, 802.1x and 802.11i
	DNLA server		Supported
	Distance Learning		port forward enabled
	Drawing		Multiple pallet tools
	Tablet / Smartphone / Desktop	<b>EduCam Teacher</b>	
EduCam Plus			Student App for IOS, Android, Mac and Windows
EduCam Classroom Viewer			Student App for smartphones