



# Document Cameras

## PV 490



## PV 490S



## PV 490ST



Sensor	1/3" CMOS, 2 Megapixel	1/3" CMOS, 2 Megapixel	1/3" CMOS, 2 Megapixel
Native Output Format	SXGA (1280x1024)	SXGA (1280x1024)	XGA (1024x768)
Effective Pixel	1.32 Megapixel	1.32 Megapixel	0.85 Megapixel
Converted Output Format	XGA	XGA	--
Resolution (Horizontal)	≥ 750 TV lines	≥ 750 TV lines	≥ 750 TV lines
Zoom	96 (8x optical, 12x digital)	96 (8x optical, 12x digital)	96 (8x optical, 12x digital)
Frame Rate (fps)	15	15	15
Shooting Area	Max:12" x 10" / Min: 1/8" x 1/10"	Max:12" x 10" / Min: 1/8" x 1/10"	Max:12" x 10" / Min: 1/8" x 1/10"
Focus	Auto / Manual	Auto / Manual	Auto / Manual
White Balance	Auto / Manual	Auto / Manual	Auto / Manual
Color Adjustment	Yes	Yes	Yes
Brightness Adjustment	Yes	Yes	Yes
Image Split	Yes	Yes	Yes
Image Freeze	Yes	Yes	Yes
Title Freeze	Yes	Yes	Yes
Image Mirror	Yes	Yes	Yes
Image Rotation	90°, 180°, 270° (frozen)	90°, 180°, 270° (frozen)	90°, 180°, 270° (frozen)
Picture-in-Picture	--	Yes	Yes
Text Mode	Yes	Yes	Yes
BW/Color Conversion	--	Yes	Yes
Posi/Nega Conversion	Yes	Yes	Yes
On-Screen Menu	Yes	Yes	Yes
Image Capture to Internal Memory	64 images (volatile)	400 images (non-volatile)	400 images (non-volatile)
to External USB Storage	Yes	Yes	Yes
to Computer	Yes	Yes	Yes
Video Recording to Computer	Yes, with sound	Yes, with sound	Yes, with sound
<b>INPUT PORTS</b>			
VGA	x1	x1	x1
AUDIO	x1	x1	x1
<b>OUTPUT PORTS</b>			
DVI-A	--	x1	x1
VGA	x1	x1	x1
C-VIDEO	x1	x1	x1
S-VIDEO	x1	x1	x1
AUDIO	x1	x1	x1
<b>OTHER PORTS</b>			
USB (slave, type B)	Capture/download images and videos	Capture/download images and videos	Capture/download images and videos
USB (host, type A)	For USB mouse or storage	For USB mouse or storage	For USB mouse or storage
RS232	--	x1	x1
<b>OTHER FEATURES</b>			
Image/Video Capture Software	Window 2000, XP, Vista, 7 Mac OS10.4 or above.	Window 2000, XP, Vista, 7 Mac OS10.4 or above.	Window 2000, XP, Vista, 7 Mac OS10.4 or above.
Remote Control	Yes(360°controllable)	Yes(360°controllable)	Yes(360°controllable)
Kensington Lock Slot	Yes	Yes	Yes
Built-in LCD Screen	--	Yes	<b>Touch Screen</b>
Light Source	Embedded LED Lamp on Arm	Embedded LED Lamp on Arm	Embedded LED Lamp on Arm
Operating Temperature	32°F to 104°F	32°F to 104°F	32°F to 104°F
Dimensions	Folded:12.6" x 6.6" x 3.7" Setup: 19.7" x6.6" x 19.3"	Folded:12.6" x 6.6" x 3.7" Setup: 19.7" x6.6" x 19.3"	Folded:12.6" x 6.6" x 3.7" Setup: 19.7" x6.6" x 19.3"
Power Supply	12V DC power adapter	12V DC power adapter	12V DC power adapter
Weight (net)	5.5 lbs / 2.5 kg	5.5 lbs / 2.5 kg	5.5 lbs / 2.5 kg



**WANIN USA**

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