ProVision®

PVi-3291/5331

DOCUMENT CAMERA







ProVision® PVi-3291/5331

The PVi-3291/5331 is a new generation model designed to set a new industry standard. Packed with a powerful punch, the PVi series is destined to excite anybody at his first sight with its ultra-thin and sleek body design, sharp and crystal clear native SXGA image quality, DVI output for real digital signal. High speed 9x optical and 12x digital zoom, digital imaging feature suite including image freeze, split, mirror, rotation, title freeze, and picture in picture, and multiple input and output terminals along with the built-in video scaler (5331 only) offers value added multimedia center functionality and cost saving possibility. In addition, the PVi series allows you to save up to 400/1000 images on board with non-volatile memory storage capability. You also have the option of saving images to a computer or removable USB thumb drive with the built-in USB 2.0 ports. In addition, a built-in LCD screen allows you to face your audience at all time while staying on top of your presentation materials. The PVi series will surely take your teaching and presentation to a new height.

Full Sized Light Box for Transparencies, X-Rays, Slides, Film Negatives

With the built-in A4 size lightbox, the PVi series makes presentation more versatile. You do not need to throw away the transparencies you have collected during the OHP era. The lightbox is perfect for viewing X-Rays in medical colleges and presenting slides and film negatives in art classes. Simply lay any film negative on the platform and press the NEG button, the negative image is converted to a positive picture instantly.

Versatile Connectivity with Multiple Input and Output Terminals

The PVi series offers versatile connectivity with multiple input and output terminals. Two computers and two video devices can be connected to the PVi series. There is a built-in mini control system with a video to RGB scaler(5331 only) to allow you to switch input sources right from the front panel. All inputs signals can be output to a display unit with sound via one RGB cable and an audio cable. This feature by itself eliminates the need of using additional plenum video cables, which saves hundreds of dollars. The PVi series is equipped with DVI output terminal for true digital output. In addition, the RS232 terminal allows you to integrate the PVi series into any sophisticated central control system.



Dual USB 2.0 Ports a Storage

The PVi seriescome and a slave. You can drive into the host pannotation or quick choose the USB thu USB drive is much ruse than a SD or CF PVi series to a compdirect computer im





One Ultra-thin and Sleek Body. Three Color Option

The PVi-series is engineered and desighed by a team of ProVision engineers and industry designers. Its ultra thin and sassy body makes it an immediate attention grabber. It is a first document camera that allows you to choose from three different color combinations: classic white and black, futuristic blue and black, and passionate red and black.

connected computer hard driver.

Built-in 3.5 Inch LCD Monitor

The PVi series features a built-in LCD monitor on the left lower corner of the working surface. The LCD monitor makes it very easy to position objects. It lets you to see exactly what your audiences see behind your screen so that you can face your audience at all time while having total control of your presentation materials.

USB Thumb Drive Removable

th two USB2.0 ports, a host innect a mouse or USB thumb for camera control and age and video capture. We drive storage is because the common and convenient to d. You can also connect the r via the USB slave port for and video download.

USB 2.0 Image Capture and Video Recording
The PVi series is equipped with a USB 2.0 image
capture and video recording system. Connect the
PVi series to a computer, you can easily preview,
capture and save any image on your PC, also you can
record video with sound and save it directly to the

The PVi series offers a high capacity internal memory storage space. You can save up to 400/10 images in the unit. It is worth mentioning that the internal memory is non-volatile, which means who you turn off the unit, the saved images are still on board, which can be accessed next time when you turn on the unit.

400/1000 Image Internal Non-Volatile Memory





P1-1000





ega Pivel CMOS Image Sensor

Vi series boasts native XGA/SXGA sharp and mage with a horizontal line of more than 000 lines empowered by a professional 3 mega a pixel CMOS image sensor. Combined with a precision lens, the PVi series reproduces nents and 3D objects with unsurpassed ion. At the frame rate of 30fps, the PVi series res and reproduces moving image with great thness.

108x Total Zoom and Pan with High Speed Auto focus

With the 9x optical and 12x digital zoom, the PVi series enables you to view the intricate details of any object that are impossible to view with your naked eyes. Due to the 3/5 mega pixel resolution, you can get the optical zoom effect(with no pixilation) with the first 2x digital zoom under the XGA output, so that the PVi series's optical zoom under the XGA output is 18x. In addition, the PVi series's special optical system features high speed auto focus capability that ensures instant auto focus when you quickly zoom in and out of any object. You can also manually adjust focus to achieve special viewing needs.

Full-fledged Digital Imaging Suite

The PVi series houses full-fledged digital imaging suite that will greatly enhance your presentation. The freeze function allows you to discretely prepare the next image without interrupting current presentation. The mirror function gives you a different perspective of an object. The split screen offers the capability of comparing two images or comparing two different views of one object side by side. The picture in picture allows you to compare a live image and saved image side by side. The title function gives you the power to freeze a title bar on top of the screen so that your presentation is more focused and well organized. The text enhancement feature provides the option of improving the readability of the test by improving the contrast of the text image.

LED Lighting

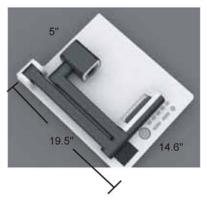
Wanin is committed to making environmentally friendly products. The PVi series is RoHS compliant, which means it meets the rigorous European Union's requirements for restriction of the use of certain hazardous substances in electrical and electronic equipment. The lighting system of PVi series adopts eco-friendly, low power consumption and long lasting LED lamps for arm and back lights, which are cool to the touch and mercury content free. The A4 size built-in light box allows you to view slides, transparencies, X-Rays, and film negatives.





Specifications





Model
Total pixel 3 Megapixel 5 Megapixel Zoom 9x optical, 12x digital 9x optical, 12x digital 5x optical, 12x dig
Description
Frame rate
Max: 16.3"x11.6" Min: 0.1"x0.1" Auto/manual Auto/manual Auto/manual Auto/manual Auto/manual SXGA(1280x1024) S
Min: 0.1"x0.1" Min: 0.1"x0.1" Auto/manual Auto/manual Auto/manual XGA(1284x768@60Hz) SXGA(1280x1024) Converted output signal XGA(1024x768@60Hz) SXGA(1280x1024) SXGA(1280x1024) Converted output signal Auto/manual Auto/manual Auto/manual Auto/manual Auto/manual Auto/manual Color adjustment Yes Yes Yes Yes Image capture Yes, 400 NON-volatile images Yes, 1,000 NON-volatile images Yes, vith sound Yes, with sound Yes
Focus
Native output signal
Converted output signal Resolution (Horizontal) ≥750 TV lines ≥1000 TV lines ≥10
Resolution (Horizontal)
White balance Auto/manual Auto/manual Color adjustment Yes Yes Brightness adjustment Yes, 400 NON-volatile images Yes, 1,000 NON-volatile images Video recording Yes, with sound Yes, with sound Image rotation 90, 180, 270 (frozen) 90, 180, 270 (frozen) Image split Yes Yes Image freeze Yes Yes Picture in picture Yes Yes Title freeze Yes Yes Picture in picture Yes Yes Text mode Yes Yes Black and white/color Yes Yes conversion Yes Positive/negative Yes Yes conversion Yes Yes NPUT TERMINALS Yes Yes VGA X2 X2 VIDEO X1 S-VIDEO X1 OUTPUT TERMINALS Yes Yes DVI X1 X1
Color adjustment Yes Yes Brightness adjustment Yes Yes Image capture Yes, 400 NON-volatile images Yes, 1,000 NON-volatile images Video recording Yes, with sound Yes, with sound Image rotation 90, 180, 270 (frozen) 90, 180, 270 (frozen) Image split Yes Yes Image freeze Yes Yes Picture in picture Yes Yes Picture in picture Yes Yes Title freeze Yes Yes Text mode Yes Yes Black and white/color Yes Yes conversion Yes Positive/negative Yes Yes conversion Yes Yes Wes Yes Yes INPUT TERMINALS Yes Yes VGA X2 X2 VIDEO X1 AUDIO X2 X4 WICROPHONE X1 OVI
Brightness adjustment Yes Yes Image capture Yes, 400 NON-volatile images Yes, 1,000 NON-volatile images Yes, 400 NON-volatile images Yes, 1,000 NON-volatile images Yes, with sound Yes, with sound Image rotation 90, 180, 270 (frozen) 90, 180, 270 (frozen) Image split Yes Yes
Image capture
Video recording Yes, with sound Yes, with sound Image rotation 90, 180, 270 (frozen) 90, 180, 270 (frozen) Image split Yes Yes Image freeze Yes Yes Picture in picture Yes Yes Title freeze Yes Yes Text mode Yes Yes Black and white/color Yes Yes conversion Yes Positive/negative Yes Yes conversion Yes Yes Built-in video scalar Yes OSD Yes Yes INPUT TERMINALS Yes Yes VIDEO x1 x1 x1 AUDIO x2 x4 MICROPHONE x1 DVI x1 x1 VGA x2 x2 VIDEO x1 x1 AUDIO x1 x1 S-VIDEO
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(computer controllable) x1 x1
Remote control Yes(360°controllable) Yes(360°controllable)
Kensington lock Yes Yes
Built-in LCD screen Yes Yes
Light source Top Arm light×1 (LED) Top Arm light×1 (LED)
A4 size lightbox (LED) A4 size lightbox (LED)
A4 size lightbox (LED) Operating temperature A4 size lightbox (LED) A4 size lightbox (LED) 32°F to 104°F 32°F to 104°F
A4 size lightbox (LED) Operating temperature 32°F to 104°F Dimensions A4 size lightbox (LED) A32°F to 104°F 32°F to 104°F Folded:19.48"×14.56"×5" Folded:19.48"×14.56"×5"
A4 size lightbox (LED) A4 size lightbox (LED) Operating temperature 32°F to 104°F 32°F to 104°F Dimensions Folded:19.48"×14.56"×5" Folded:19.48"×14.56"×5" Setup:21.25"×14.56"×21.25" Setup:21.25"×14.56"×21.25"
A4 size lightbox (LED) Operating temperature 32°F to 104°F Dimensions A4 size lightbox (LED) A32°F to 104°F 32°F to 104°F Folded:19.48"×14.56"×5" Folded:19.48"×14.56"×5"

ProVision Digital International Ltd.





Flat 3-5, 5/F., International Trade Centre, 11-19 Sha Tsui Road,, Tsuen Wan, N.T., Hong Kong.



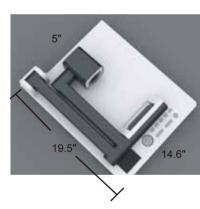


Tel: +852-2155 8330 Fax: +852-2155 9030

Email: info@pro-vision.com.hk http://www.pro-vision.com.hk

Specifications





Model	PVi-3291	PVi-5331
Sensor	1/3" CMOS	1/3" CMOS
Total pixel	3 Megapixel	5 Megapixel
Zoom	9x optical, 12x digital	9x optical, 12x digital
Frame rate	25	25
Shooting area	Max: 16.3"x11.6"	Max: 16.3"x11.6"
	Min: 0.1"x0.1"	Min: 0.1"x0.1"
Focus	Auto/manual	Auto/manual
Native output signal	XGA(1024x768@60Hz)	SXGA(1280x1024)
Converted output signal		XGA
Resolution (Horizontal)	≥750 TV lines	≥1000 TV lines
White balance	Auto/manual	Auto/manual
Color adjustment	Yes	Yes
Brightness adjustment	Yes	Yes
Image capture	Yes, 400 NON-volatile images	Yes, 1,000 NON-volatile images
Video recording	Yes, with sound	Yes, with sound
Image rotation	90, 180, 270 (frozen)	90, 180, 270 (frozen)
Image split	Yes	Yes
Image freeze	Yes	Yes
Picture in picture	Yes	Yes
Title freeze	Yes	Yes
Text mode	Yes	Yes
Black and white/color		
conversion		Yes
Positive/negative		
conversion	Yes	Yes
Built-in video scalar		Yes
OSD	Yes	Yes
INPUT TERMINALS		
VGA	x2	x2
VIDEO		x1
S-VIDEO		x1
AUDIO	x2	x4
MICROPHONE		x1
OUTPUT TERMINALS		
DVI	x1	x1
VGA	x2	x2
VIDEO	x1	x1
AUDIO	x1	x1
S-VIDEO	x1	x1
OTHER TERMINALS		
	Host×1(Mouse, Memory stick)	Host×1(Mouse, Memorystick)
USB2.0	Slave×1(USB camera/Build-in	Slave×1(USB camera/Build-in
	image download)	image download)
	Windows 2000/XP/Vista,	Windows 2000/XP/Vista,
USB driver and software	Mac OS10.4 or above. Driver	Mac OS10.4 or above. Driver
	plug and play	plug and play
RS232	_	_
(computer controllable)	x1	x1
Damata as atral	V(200°t - - -	V/2009
Remote control	Yes(360°controllable)	Yes(360°controllable)
Kensington lock	Yes	Yes
Built-in LCD screen	Yes	Yes
Light source	Top Arm light×1 (LED)	Top Arm light×1 (LED)
Operating tomporature	A4 size lightbox (LED) 32°F to 104°F	A4 size lightbox (LED) 32°F to 104°F
Operating temperature Dimensions	Folded:19.48"×14.56"×5"	Folded:19.48"×14.56"×5"
DITHERISIONS	Setup:21.25"×14.56"×21.25"	Setup:21.25"×14.56"×21.25"
Dower supply	12V DC power adapter	
Power supply Weight(net)		12V DC power adapter 5Kg
vveigni(net)	5Kg	l skå



PVi-3291/5331

DOCUMENT CAMERA







ProVision Digital International Ltd.

Flat 3-5, 5/F., International Trade Centre, 11-19 Sha Tsui Road,, Tsuen Wan, N.T., Hong Kong.







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ne Ultra-thin and Sleek Body, Three Color Optic

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lt-in 3.5 Inch LCD Monitor

turn on the unit.

The PVi series features a built-in LCD monitor on the left lower corner of the working surface. The LCD monitor makes it very easy to position objects. It lets you to see exactly what your audiences see behind your screen so that you can face your audience at all time while having total control of your presentation materials.

The PVi series boasts native XGA/SXGA sharp and crisp image with a horizontal line of more than 750/1000 lines empowered by a professional 3 mega 5 mega pixel CMOS image sensor. Combined with a nigh precision lens, the PVi series reproduces documents and 3D objects with unsurpassed precision. At the frame rate of 30fps, the PVi series captures and reproduces moving image with great smoothness.

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Full Sized Light Box for Transparencies, X-Rays, Slides, Film Negatives

With the built-in A4 size lightbox, the PVi series makes presentation more versatile. You do not need to throw away the transparencies you have collected during the OHP era. The lightbox is perfect for viewing X-Rays in medical colleges and presenting slides and film negatives in art classes. Simply lay an film negative on the platform and press the NEG outton, the negative image is converted to a positive picture instantly.

Versatile Connectivity with Multiple Input and **Output Terminals**

The PVi series offers versatile connectivity with multiple input and output terminals. Two computers and two video devices can be connected to the PVi series. There is a built-in mini control system with a video to RGB scaler(5331 only) to allow you to switch input sources right from the front panel All inputs signals can be output to a display unit wi ound via one RGB cable and an audio cable. This eature by itself eliminates the need of using additional plenum video cables, which saves nundreds of dollars. The PVi series is equipped with DVI output terminal for true digital output. n addition, the RS232 terminal allows you to



Dual USB 2.0 Ports and USB Thumb Drive Removable

The PVi seriescomes with two USB2.0 ports, a host and a slave. You can connect a mouse or USB thumb drive into the host port for camera control and annotation or quick image and video capture. We choose the USB thumb drive storage is because the USB drive is much more common and convenient to use than a SD or CF card. You can also connect the PVi series to a computer via the USB slave port for direct computer image and video download.

JSB 2.0 Image Capture and Video Recording The PVi series is equipped with a USB 2.0 image capture and video recording system. Connect the PVi series to a computer, you can easily preview, capture and save any image on your PC, also you can record video with sound and save it directly to the connected computer hard driver.

400/1000 Image Internal Non-Volatile Memory The PVi series offers a high capacity internal memory storage space. You can save up to 400/1000 images in the unit. It is worth mentioning that the internal memory is non-volatile, which means when you turn off the unit, the saved images are still on board, which can be accessed next time when you

Full-fledged Digital Imaging Suite

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