AVer PL50

Platform document camera

Platform performance

All the premium features and stability you expect from a platform camera without the premium price!

- **5MP with 30fps at 1080p:** mega detail with mega smoothness
- **Built in 8.3" x 11.7" lightbox:** perfect for x-rays, slides and negatives
- **Dual side LED lamps:** illumination guaranteed
- **16X optical zoom:** zero in on all the small details
- **Audio/video recording:** USB flash drive and SD card
  Annotate without a computer: just add a mouse
  2 VGA in/out and HDMI outputs: mega access for today's classrooms

Why choose the PL50?

Share negatives and slides
Display x-rays for a science class, insert a picture negative and reuse those old slide images with the built-in lightbox.
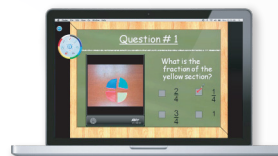
Easily stored and secured
The collapsing arm and camera head fold neatly for easy storage in your classroom or computer cart.

Draw and make digital notes
Plug in a USB mouse or AVer's AP20 interactive pen right into the PL50 (no computer needed) and draw arrows, highlight, write notes and more on any displayed image. Left ventricle, aorta – you've just added notes to a 3-D object. How cool is that?

AVer Academy Suite
Your classroom has many technologies – IWB, tablet, PC, MAC – and with the AVer Academy Suite, the PL50 flawlessly integrates into each of them. Insert a live PL50 image into MS PowerPoint™, IWB software and even upload recorded videos to YouTube™, Dropbox™ and more.

Specifications

Image
Sensor	1/3.2" CMOS
Pixel Count	5 megapixels
Effective Pixel	2592 H x 1944 V
Frame Rate	30 fps (max.)
White Balance	Auto / Manual
Exposure	Auto / Manual
Image Mode	Sharp / Graphics / Motion / Microscope / Macro / Infinite
Effect	Color / B/W / Negative / Mirror / Rotate / Freeze
RGB Output	1920x1080, 1600x1200, 1280x1024, 1280x800,1280x720, 1024x768
HDMI Output	HD 1080p; HD 720p
Composite Output	720x480 (NTSC)

Optics
Focus	Auto / Manual
Shooting Area	Max. 15.74" x 11.81"
Zooming	16X Optical + 15X Digital Zoom (Total = 240X)

Function
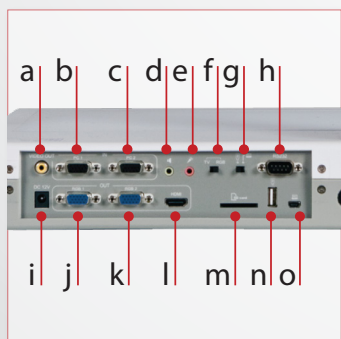|	
Image Effect	Color / B&W / Negative / Mirror / Reverse / Freeze
White balance/exposure/night view	Auto / Manual
Picture-in-picture	Yes
Split Screen	Yes
Presentation Tools	Spotlight (Yes), Visor (Yes)
Capture Mode	Single / Continuous
Remote Control	Yes
Image Storage	240 Frames(XGA) ; 80 Frames(5M Pixel)
Onboard AV Recording	Yes, SD/SDHC/USB
Onboard Annotation	Yes, works with any HID device (eg. Mouse, AP20T Interactive Pen)

Compatibility
Operating Systems	Windows 7 (32/64 bit), Windows 8 (32/64 bit), Windows 10 (32/64 bit), Mac OS X 10.9 or above (Intel based), Chrome OS 29 or above
AVer Software	AVer Sphere 2, PowerPoint Plug-in, Flash-Plug-in, AVer Sphere Lite for Chrome
Interactive Whiteboard Compatibility	Yes with AVerVision Flash Plug-in *certain limitations apply

Power
Power Source	DC 12V, 2A, 100-240V, 50-60Hz
Consumption	16.8 Watts (all lights off); 18 Watts (lamp & light box on), 18 Watts (side lamp on)

Lighting
Lamp type	LED lights (Side lamps x 2)
Light Box	12.95" x 10.43" (329mm x 265mm)

Input/Output Connections
RGB Input	15-Pins D-sub (VGA) x 2 (2 in) – active & passive VGA pass-through
RGB Output	15-Pins D-sub (VGA) x 2 (2 out - cloned)
HDMI Output	HDMI
RS-232	RS-232 Serial port
Composite Video	RCA Jack
USB	Mini-USB (Connect to PC)
	Type-A (Connect to USB Flash Drive, AP20 Interactive Pen)
SD	SD/SDHC (Up to 32GB)
DC 12V Input	Power Jack
MIC Input	3.5mm jack, pink (also included one built in)
Speaker Output	3.5mm jack, green

Dimension
Operating	24.8" x 20.07" x 19.88" 630mm x 510mm x 505mm
Folded	18.5" x 20.07" x 6.5" 470mm x 510mm x 165mm
Weight	14.33 lbs (6.5kg)

External Storage
Secure Digital (SDHC)	1GB ~ 32GB (FAT32)
USB Flash Drive	2GB ~ 64GB (FAT32)

Optional Accessories
Microscope Adapter	Part number: VISIFSEMA
Anti-Glare sheet	Part number: PANTIGLA1 (A5 size 8.26" x 5.84")

Package Contents
Package Contents	PL50
	USB Cable
	RGB Cable
	Power Adapter
	Remote Control
	Quick Guide
	Dust Cover

Parts and connections

a Video out
b PC1
c PC2
d Speaker port
e MIC port
f TV-RGB switch
g USB flash drive/PC switch
h RS-232
i DC12V port
j RGB1
k RGB2
l HDMI output
m SD card slot
n USB thumb drive port
o Mini USB port