

AVerVision F50HD

Interactive Visualizer

Effortlessly accomplish numerous tasks with all new generation AVerVision F50HD flexible arm visualizer. Featuring advanced image streaming via HDMI input/output, F50HD allows you to engage students by capturing crystal clear images and displaying them in brilliant full HD output resolution. Its impressive 200X zooming capabilities ensures you to examine the finest details of any objects. F50HD comes with the handy onboard annotation tool, letting you swiftly and simply annotate over captured images without a PC. Plus the complimentary full-featured A+ Suite visualizer software gives you an array of presentation tools to maximize the effectiveness of any lesson.



Smooth 30fps one-touch recording

All the sounds and excitement of live experiments, head-to-head debates and object examination are captured perfectly for future use both in class and at home through F50HD's lag-free 30fps recording directly to an SDHC card or USB flash drive.



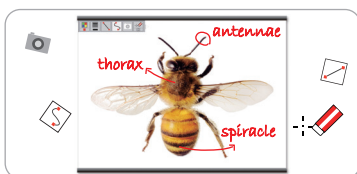
Impressive 8X optical zoom

See minuscule objects and live specimens in fantastic detail thanks to F50HD's impressive 8X optical zoom capabilities, or magnify the objects up to 200X total zoom to have an even closer look at what's going on under the lens.



Advanced full HD image streaming via HDMI

HDMI input and output allow teachers to make high-resolution, interactive multimedia presentations. F50HD's advanced and versatile connectivity is compatible with all current PCs, laptops and projectors, and ensures the highest quality image transmission - no HDMI to VGA convertor required.



Innovative onboard annotation tool

Quickly make digital notes on still images with a USB mouse and save them for future use or modification. Hand the mouse over to the students to create an added degree of excitement and interaction that will turn any activity into an instant class favorite.

AVer Visualizer Software

Explore new possibilities with our A+ Suite visualizer software

- ▶ Integrate live visualizer images seamlessly into existing teaching material, while maintaining easy access to visualizer functions, like annotation and recording.
- ▶ Use OCR to scan, digitize and insert printed text directly into PowerPoint®, Word® and Excel®, or bring text to life with text-to-speech (TTS).
- ▶ Make the excitement of class accessible from home by quickly uploading visualizer images/recordings to YouTube, Facebook, Twitter, Picasa and more.
- ▶ Stream live video from a second visualizer, an AVer TabCam or a webcam over the video from your visualizer in picture-in-picture mode.
- ▶ Create your own media library full of recorded videos and captured images, then compare the saved images side-by-side with live images from a visualizer, AVer TabCam and/or webcam.
- ▶ View and adjust live visualizer images directly via an interactive whiteboard (IWB).
- ▶ Create a truly interactive, one-to-one learning environment with Sphere2's Class feature and ClassSend student app for iOS, Android and Chrome .



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Touchboards

205 Westwood Ave, Long Branch, NJ 07740

Phone: 866-94 BOARDS (26273) / (732)-222-1511

Fax: (732)-222-7088 | E-mail: sales@touchboards.com

product specifications

image sensor	1/2.5" CMOS color image sensor
total pixels	5M
output resolution	full HD1080p (1920 x 1080)
TV lines	1000 (max.)
zoom	200X total zoom (8X optical zoom + 1.25X AVerZoom™ + 20X digital zoom)
frame rate	30fps (max.)
focus	auto / manual
shooting area	A4 portrait
image rotation	electronic rotation 0° / 90° / 180° / 270°
recording	yes (to SDHC card or USB flash drive)
onboard annotation	yes
internal storage	240 images (max.)
external storage	SDHC (32GB max.) / USB flash drive (64GB max.)
image effects	color / b&w / negative / mirror / freeze
image adjustments (white balance / exposure)	auto / manual
presentation tools	yes (Spotlight & Visor functions)
split screen	yes (vertical & horizontal)
picture-in-picture	yes
display mode	sharp / graphic / motion / microscope / macro / infinity
capture mode	single / continuous
user profiles	up to 3
timer	yes
flicker filter control	yes (50/60Hz)
remote control	yes
light source	embedded LED lamp
HDMI I/O	1 in; 1 out (pass through)
RGB I/O	1 in; 1 out (15-pins D-sub, pass through)
composite video output	yes (NTSC or PAL)
RS-232 port	yes (with composite / RS-232 adapter cable)
mini USB 2.0 port	yes (PC camera / built-in image download)
USB 2.0 port	yes (USB flash drive or mouse connection)
audio input	built-in MIC; MIC in (3.5 mm jack, pink)
audio output	via HDMI ; audio out (3.5mm jack, green)
dimensions (W x H x D)	operating: 200 x 540 x 380 mm folded: 245 x 77 x 305 mm
net weight	2.6kg (5.64lbs)
power source	AC 100V~240V, 50/60 Hz

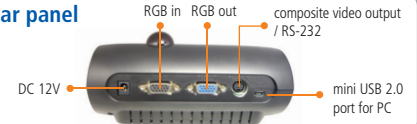
A+ Suite OS compatibility

Windows® OS	Windows® XP (SP3), Windows® 7 (32/64-bit), Windows® 8 (32/64-bit)
Mac OS	Mac OS X v10.6 Snow Leopard, Mac OS X v10.7 Lion, Mac OS X v10.8 Mountain Lion

package content

AVerVision F50HD unit	mini USB cable	quick guide
remote control with batteries	power adapter (12V, 2A)	warranty card
RGB cable	A+ Suite software CD	
composite / RS-232 Y cable	user manual CD	

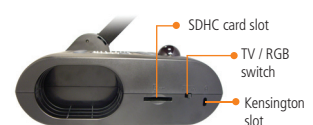
rear panel



right panel



left panel



optional accessories



microscope adapter



anti-glare sheet



carrying bag