



Cut out the Middleman!

Use the AP20 interactive pen with AVerVision F50 for Amazing Direct Annotation over Captured Images without the PC

Onboard Annotation Has Arrived for Portable Visualizers

By combining the awesome abilities of the AVerVision F50 and the AP20 interactive pen you can annotate directly over captured images in real-time, avoiding the hassle of connecting your visualizer to a computer and annotating via computer software. Have the freedom to easily and accurately make notes on textbooks, essays, even living plants and animals, without making any physical changes to the object or damaging it in any way.

Adding the Power of A+ Interactive Software 2

Using the AVerVision F50 and AP20 with A+ Interactive Software 2, the latest version of the extensive and user-friendly A+ Interactive Software, provides you with a nearly endless world of possibilities to explore. You can effortlessly create a wide variety of teaching materials with A+ Interactive Software 2, integrate them into your lessons with the AVerVision F50 and AP20, and even use the AP20 as a wireless presenter for easy and effective instruction.

Two Amazing Products, One Successful Solution

The AVerVision F50's top of the line image quality and great zoom capabilities coupled with its direct audio/video recording feature and built-in microphone make it an amazingly versatile, yet functional teaching solution that's perfect for practically any classroom setting. With sophisticated sensor technology and an ergonomic design that reinforces proper penmanship without sacrificing comfort, the revolutionary AP20 presents teachers with a wide-range of inventive means for leading lessons. Maximize your in-class synergy and bring a whole new approach to note-taking and overall class instruction by uniting these innovative products.

Benefits

- **Skip the PC!** Quickly and accurately annotate over images captured to the AVerVision F50 by directly connecting the AP20 to the F50 and easily save the modified images for immediate playback.
- **Share the fun!** Pass the pen onto the students to let them annotate directly, creating an added element of excitement and class cohesion that is sure to turn even the dulllest of activities into a class favorite.
- **Inject energy into every lesson!** Combine the AVerVision F50, AP20 and A+ Interactive Software 2 to generate all-new teaching materials in a snap and increase the efficiency, efficacy and interactivity of your lessons.
- **Record it all!** Capture top-notch video and audio to a USB flash drive or SDHC card at the touch of a button with the AVerVision F50's direct recording capabilities and built-in microphone.



With F50 and AP20, you can display and annotate on...



AP20

Show enlarged images to your audience through ...



AVerVision F50

F50 Product Specifications

Image Sensor	1/2.5" CMOS Color Image Sensor
Total Pixels	5M Pixels
Output Resolution	Full HD1080p (1920x1080)
TV Lines	700
Zoom	80X Total Zoom (10X AVer® Optical Zoom + 8X Digital Zoom)
Frame Rate	30fps (Max.)
Focus	Auto / Manual
Shooting Area	A4 Portrait (400 x 300 mm Max.)
Image Rotation	Electronic Rotation 0° / 90° / 180° / 270°
Recording	Yes (to SDHC Card or USB Flash Drive)
Onboard Annotation	Yes (no software is needed)
Internal Storage	Built-in Memory (Max: 80; up to 5M each)
External Storage	SDHC (32GB Max.) / USB Flash Drive (64GB Max.)
Image Effects	Color / B&W / Negative / Mirror / Freeze
Image Adjustments	Auto / Manual (White Balance / Exposure / Night View)
Presentation Tools	Yes (Spotlight & Mask 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
DVI-I Output	Yes
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 RS-232 / S-Video Adapter Cable)
Mini USB 2.0 Port	Yes (PC Camera / Built-in Image Download)
Audio Input	Built-in MIC; MIC In (3.5 mm Jack, Pink)
Audio Output	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 (5.73lbs)
Power Source	AC 100V~240V, 50/60 Hz
Certifications	FCC, CE

Compatible Operating System (A+ Interactive Software 2)

Windows®	XP (SP2), Vista (32-bit or 64-bit), 7 (32-bit or 64-bit)
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Package Content

AVerVision F50 Unit	Mini USB Cable	Quick Guide
Remote Control with Batteries	Power Adapter	Anti-Glare Sheet
RCA Cable	A+ Interactive Software 2 CD	Warranty Card
RGB Cable	User Manual CD	Carrying Bag
Composite / RS-232 Y Cable		

AP20 Specifications

Pen Type	Teacher Pen
Wireless Technology	2.4GHz RF
Range	15m (50ft)
Pen Tip Technology	proprietary image sensor, LED and lens module
Software Platform	A+ Interactive Software 2 for Windows
Connectivity	USB dongle
Battery	rechargeable AAA (can be replaced with non-rechargeable, Alkaline AAA)
Battery Usage	8 days per full charge
Recharging Time	4 hours to charge fully
Charging Options	micro USB port to PC / MAC or wall-mounted USB power adapter
Dimensions (W x H x D)	22 x 151 x 25 mm
Weight	45g
Warranty	3 years
Certifications	FCC and IEC (USA), CE and IEC (EU), BSMI and NCC (TW)

Distributor / Dealer :

