

AVer F50HD

Portable FlexArm document camera



HDMI + Optical Zoom = Amazing Clarity

The new AVer F50HD allows you to connect your HDMI display devices directly to this feature-packed document camera. Now you can display your frog dissection with vivid detail!

- **Direct HDMI input and output:** Fully compatible with new display technology.
- **5MP and 200x zoom:** Vivid details. Vibrant colors.
- **Flexible arm:** Shoot from any angle!
- **Audio/video recording:** Directly to onboard memory, SD card or USB flash drive.
- **Annotate without a computer:** Just add a mouse.
- **AVer A+ Software Suite:** Full blown presentation, creation, and student engagement software.
- **America's best doc cam warranty program**



Why choose the F50HD ?



HDMI

The F50HD can now connect directly to your HDMI equipped projector and display systems. This amazing doc camera can also directly input HDMI signals, so you can integrate vivid, high-definition, picture-in-picture displays !



YouTube Dropbox

A+ Software Suite

A+ Software Suite allows you to customize your lessons by integrating your F50HD with multiple video feeds, and engage with your students using a variety of classroom technologies. Insert a live F50HD video stream into MS power point, IWB software and even upload recorded videos to YouTube™, DropBox™ and more.



Flexible arm

With an incredibly pliable neck, the F50HD is geared to wow teachers and students with its ability to lean, flex and bend to get up close and personal to an iPad, petri dish, map and more.



Onboard Control

Not connected to a PC/Mac? The F50HD's on board features allow you to control not only your camera's zoom, focus, and recording, but also display functions such as split-screen, picture-in-picture, screen visor and spotlight modes.



Draw and make digital notes

Plug in a USB mouse right into the F50HD (no computer needed) and draw arrows, highlight, write notes and more on any displayed image.



America's best doc cam warranty program

The F50HD has the industry's only 5-year bumper-to-bumper (all-inclusive) doc cam warranty with 5-year free 2-way RMA shipping and 5-year worry-free standard advanced replacement program.

Specifications

Image

| | |
|------------------|---|
| Sensor | 1/2.5" 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 |
| HDMI Output | Up to 1920x1080 |
| RGB Output | 1920x1080, 1600x1200, 1280x1024, 1280x720, 1024x768, 1280 x 800 |
| Composite Output | 720x480 (NTSC) |

Optics

| | |
|---------------|--|
| Focus | Auto / Manual |
| Shooting Area | Max. 15.75" x 11.8" (400mm x 300mm) |
| Zooming | 8X Optical + 25X Digital Zoom (Total = 200X) |

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, Trackball) |

Compatibility

| | |
|-------------------|--|
| Operating Systems | Windows XP SP3 (32-bit), Windows Vista (32/64 bit), Windows 7 (32/64 bit), Window8(32/64bit); Mac OS X 10.5.8 or above (Intel based) |
| AVer Software | AVer A+ Software Suite (Sphere2, Microsoft Plug-in, Flash-Plug-in) |

| | |
|--------------------------------------|---|
| Interactive Whiteboard Compatibility | Yes with AVer A+ Software Suite Flash Plug-in |
| MS PowerPoint, Word, Excel | Yes with Microsoft Plug-in (Windows only, MS PPT 2007 or above) |

Power

| | |
|--------------|---|
| Power Source | DC 12V, 2A, 100-240V, 50-60Hz |
| Consumption | 16.8 Watts (lamp off); 18 Watts (lamp on) |

Lighting

| | |
|-----------|-----------|
| Lamp type | LED light |
|-----------|-----------|

Input/Output Connections

| | |
|-----------------|---|
| HDMI Input | Yes |
| HDMI Output | Yes |
| RGB Input | 15-Pins D-sub (VGA) |
| RGB Output | 15-Pins D-sub (VGA) |
| CVBS/RS-232 | Mini-DIN Jack (use CVBS/RS-232 Adapter cable) |
| Composite Video | RCA Jack |
| USB | Mini-USB (Connect to PC); Type-A (Connect to USB Flash Drive) |
| SD | SD/SDHC (Up to 32GB) |
| DC 12V Input | Power Jack |
| MIC Input | 3.5mm jack, pink |
| Speaker Output | 3.5mm jack, green |

Dimension

| | |
|-----------|-------------------------|
| Operating | 14.96" x 7.87" x 21.25" |
| Folded | 12" x 9.64" x 3.03" |
| Weight | 5.73 lbs (2.6kg) |

External Storage

| | |
|-----------------------|--------------------|
| Secure Digital (SDHC) | 1GB ~ 32GB (FAT32) |
| USB Flash Drive | 2GB ~ 64GB (FAT32) |

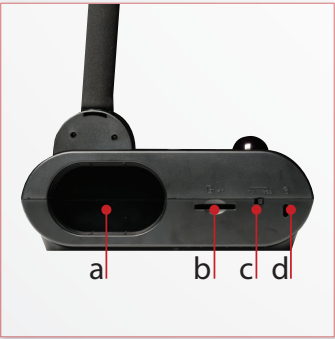
Optional Accessories

| | |
|--------------------|--|
| Microscope Adapter | Part number: VISIFSEMA |
| Light Box | Part number: VISSPC3LB |
| Anti-Glare sheet | Part number: PANTIGLA1 (A5 size 8.26" x 5.84") |

Package Contents

| |
|--------------------------------------|
| F50HD |
| RS-232/CVBS Cable |
| USB Cable (Mini type) |
| RGB Cable |
| Power Adapter |
| Software & Manual CD |
| Remote Control (including batteries) |
| Warranty Card |
| Quick Guide |

Parts and connections



- a Camera holder
- b SD card slot
- c TV-RGB switch
- d Antitheft slot
- e HDMI Input
- f HDMI Output
- g USB switch
- h USB
- i MIC output
- j Speaker output
- k DC 12V
- l RGB input
- m RGB output
- n RS-232
- o Mini USB

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