

Aver 300AFHD

High-Definition Document Camera

Touchboards

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“Now Turbocharged with HDMI output!”

Got HDMI? Take advantage of your HD display technology! HDMI output, auto-focus and 30 frames per second display make the smallest details sharp and crisp! The 300AF series: the legacy document cameras that transformed learning nationwide.

- Crystal clear image quality with 5MP sensor
- Quick response time Auto Focus
- Powerful 16x zoom/pan
- Embedded LED light module
- One button recording
- America's Best Doc Cam Warranty program.



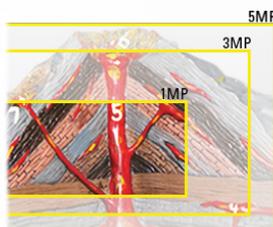
HDMI

HDMI. Oh my!



New display? Take full advantage.

Upgrading to new HD display technology? The 300AFHD's full 1080p (1920 x 1080) HDMI output allows connections to HD displays, taking full advantage of this feature-packed document camera's crystal clear video imagery.



Mega impact

The 300AFHD's 5MP, 16x zoom and one-touch auto focus combine to provide unsurpassed image quality with stunning detail in the shortest amount of time.



A Sturdy Study

With fully adjustable locking pieces, the neck and head of the 300AFHD easily rotate, swivel, expand and collapse for the perfect angle to display your worksheet, experiment or three dimensional objects.



LED light module

Usually when the projector is on, the lights are off. Since the 300AFHD can be connected to a projector, it has built-in LED lights in the camera head to illuminate and display the objects underneath beautifully.



America's best doc cam warranty program

The F33 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.



A+ Software Suite

With Aver's A+ Software Suite, you can drive 300AFHD's features using your PC or Mac. Easily record lessons. Add annotations, highlights, arrows and captions. Integrate 300AFHD video streams into your PowerPoint or IWB. You can even upload recorded lessons to your favorite cloud-based share site.



Specifications

Image

Sensor	1/3.2" CMOS
Pixel Count	5 megapixels
Effective Pixel	2560 H x 1920 V
Frame Rate	30 fps (max.)
White Balance	Auto / Manual
Exposure	Auto / Manual
Image Mode	Sharp / Graphics / Motion / Microscope
Effect	Color / B/W / Negative / Mirror / Rotate / Freeze
HDMI Output	HD1080P, HD720P
RGB Output	1280x720, 1024x768, 1280x800,
Composite Output	1600x1200, 1920x1080, 1280x1024 720x480 (NTSC)

Optics

Focus	Auto / Manual
Shooting Area	Max. 13.66" x 10.28" (347mm x 261mm)
Zooming	16X Digital Zoom

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. USB Mouse)

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
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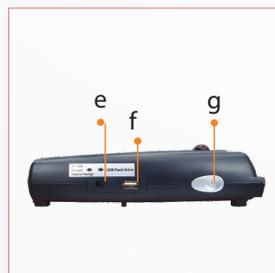
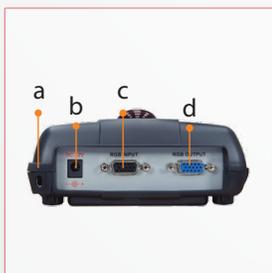
AVer Software

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

Parts and connections



- | | |
|-------------------|---|
| a Kensington slot | h HDMI out |
| b DC 12V | i MIC in |
| c RGB in | j Audio out |
| d RGB out | k Composite video output / RS -232 (with optional CVBS/RS232 cable) |
| e USB / PC switch | l TV / RGB switch |
| f USB 2.0 port | m SDHC card slot |
| g Power on/off | n Mini USB 2.0 port for PC |

Power

Power Source	DC 12V, 2A, 100-240V, 50-60Hz
Consumption	10.8 Watts (lamp off); 12 Watts (lamp on)

Lighting

Lamp type	LED light
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Input/Output Connections

HDMI Output	Yes
RGB Input	15-Pins D-sub (VGA)
RGB Output	15-Pins D-sub (VGA)
RS-232 Serial	Thru optional RS232/CVBS cable
Composite Video	Thru optional RS232/CVBS cable
USB	Mini-USB (Connect to PC) / USB2.0/Type-A (connect to USB FlashDrive)
SD	SD/SDHC (Up to 32GB)
DC 12V Input	Power Jack
MIC	Phone Jack (3.5mm)
Speaker	Phone Jack (3.5mm)

Dimensions

Operating	14.68" x 6.85" x 21.34" 373mm x 174mm x 542mm (+/-2mm include rubber foot)
Folded	14.45" x 6.85" x 3.89" 367mm x 174mm x 99mm (+/-2mm include rubber foot)
Weight	4.4 lbs (2kg)

External Storage

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

Optional Accessories

Microscope Adapter	Part number: VISIONNMA
Carrying Bag	Part number: VISIONPCC
CVBS/RS232 Cable	Part number: CVBSRS232
Anti-Glare Sheet	Part number: PANTIGLA1 (A5 size 8.26" x 5.84")

Package Contents

300AFHD
3' USB Cable (Mini Type)
RGB Cable
Power Adapter 12V/2A
Remote Control (including batteries)
Quick Guide

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