iMMCam™ LB-350

Platform Document Camera with Lightbox

Recordex®

Visualize Almost Anything Fast And Easy.

For classrooms, boardrooms, and venues the iMMCam LB-350 delivers beautiful high resolution imaging or video of virtually any object or document.

HighPerformance 1.3MP SXGA Camera. With a high resolution 1.3MP camera sensor and precision glass lens the iMMCam LB-350 offers amazing resolution with sharpness and clarity. With up to 25fps of live video you'll be able to stream video to your display easily and fluidly.

Capture and Save. Capture and store up to 64 hi-resolution images to internal memory, or enjoy unlimited video and still-image capture via USB 2.0 to your computer. The LB-350 includes passthrough audio and mic signals to allow for amplification or recording.

Powerful 352X Zoom and Auto Image Optimization. With **22X optical** and 16X digital zoom, the LB-350 offers the ability to get up close to all the details of your documents, photos, maps, and 3D objects that lesser cameras simply miss. With auto-focus, auto-white balance, and auto-exposure keeping the image perfectly optimized you'll be zooming in and out with ease.

Enhance Your Presentation with Image Effects. Smooth transitions between display objects are a snap with the freeze effect. Use split screen to capture an image, freeze it on one side of the display and then manipulate the object in 25 fps video on the other side of the display. Negative, black and white, mirror and flip effects are available with the touch of a button from the base unit or the remote.

Light-up Your Presentation. The iMMCam LB-350 offers an oversized lightbox perfect for viewing films and even slides under powerful zoom. Twin side lamps offer perfect lighting control even in poorly lit rooms. Both the lightbox and twin side lamps are equipped with eco-friendly LED lights which feature low power consumption and do not contain mercury or harmful gases.

Slim Profile and Small Footprint. Measuring just 13¾" x 17½" the iMMCam LB-350 offers one of the smallest desk footprints on the market while still providing a full size 7¾" x 10½" lightbox. Constructed from the highest grade materials including a luxurious brushed finish the LB-350 is designed tough, yet looks beautiful. And with its UL certified universal power supply it can be used almost anywhere you go.

Wireless Remote Included. Control most features of the iMMCam from across the room with the included micro-size remote.

5-Year Warranty. Our 5-year limited warranty covers all parts including the LEDs. Parts and labor covered for 5-years. Accessories carry 1-year warranty.

Input Switch with Scaler. Run a single VGA cable from your LB-350 to your Projector and easily switch between Presenter, Dual VGA, and DVD sources.

LB-350 Side Connections   LB-350 Rear Connections   LB-350 Remote

iMMCam™ AFL-80
Portable Gooseneck Document Camera

Recordex®

The Ultimate Portable Document Camera! The Recordex iMMCam AFL-80 sets a new standard for value and performance with 80x total zoom, high-resolution 3.2 MP imaging, and hands-free auto-focus.

Amazing 3.2MP SXGA Camera. The iMMCam AFL-80 combines a precision glass lens with a rich 3.2 MP SXGA camera sensor to deliver outstanding image quality.

Powerful 80x Zoom. With 8X optical and 10X digital zoom, the iMMCam offers the ability to get up close to all the details of your documents, photos, maps, and 3D objects that lesser cameras simply miss.

Hands Free Auto Focus. The AFL-80 auto-focus lens makes it a breeze to zoom in and out while you are making your presentation. Adjust optical and digital zoom from your remote and watch while the camera automatically refocuses the lens for a crisp clear image every time.

Gooseneck Flexibility. The AFL-80 features a rotating camera head mounted on a flexible gooseneck arm to give you maximum flexibility when capturing images. View from any angle with ease.

LED Lights. All iMMCam document cameras feature environmentally friendly LED lights. Not only do they outlast other lighting options, they use less energy and don't contain any harmful gasses or chemicals.

Fine Image Adjustment. With both automatic and manual control over white balance and exposure your images will appear exactly as you wish. Let the camera do the work for you, or trust your own eye and tweak the setting manually.

Capture It! Like what you see? Then save it for later. Capture video at 25 fps or snap an unlimited number of still images and save them to your computer through the USB 2.0 connection using the bundled software. Easily edit, manipulate or annotate captured images using your preferred software. The VGA passthrough feature allows for easy displaying of your computer desktop. Snap a still, and annotate over it using your computer and display it to the audience through VGA passthrough.

Image and Transition Effects. Use the built in image and transition effects for smooth impressive presentations. Use the freeze effect to freeze the frame while you transition objects to keep your audience focused on you presentation. The iMMCam AFL-80 both feature a full suite of effects including split screen, picture-in-picture, negative image, mirror image, black/white and color image toggle, text mode, night mode, and image freeze.

5-Year Warranty. Our 5-year limited warranty covers all parts including the LEDs. Parts and labor covered for 5-years. Accessories carry 1-year warranty.

Compact Design. The truly portable and compact design of the iMMCam AFL-80 make it the perfect desk or AV cart companion. The base measures just 7 ½" x 7¼" and weighs 4.5 lbs.

Deluxe Carrying Case. What good is a portable document camera without a padded carrying case? Tote your iMMCam AFL-80 with ease with our free padded carrying case. Zippered mesh pockets keep all your cables and the IR remote in one safe place.

AFL-80 Side Connections   AFL-80 Rear Connections   AFL-80 Camera Head w/LEDs   AFL-80 Remote   AFL-80 Folded

iMMCam Specifications

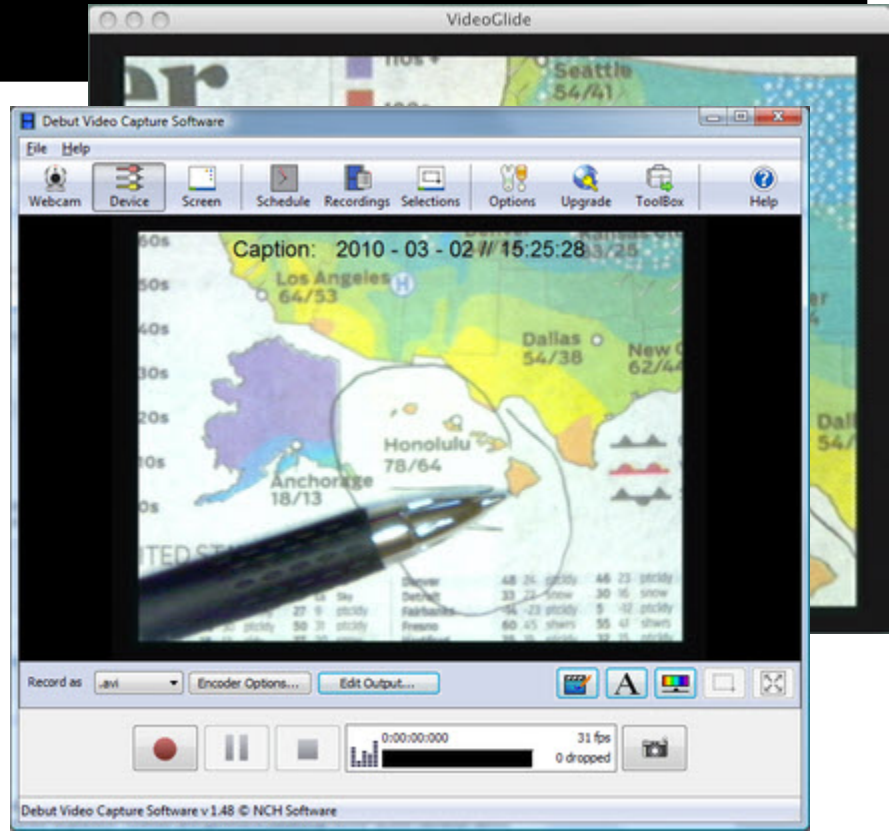| Feature/Specification	LB-350 // Desktop w/Lightbox	AFL-80 // Portable Gooseneck
Image Sensor	¼" CMOS	½ " CMOS
Pixels	1.3 Mega Pixel	3.2 Mega Pixel
Zoom	22x Optical, 16x Digital (352x Total)	8x Optical, 10x Digital (80x Total)
Lens	Glass	Glass
Frame Rate	25 fps (max)	25 fps (max)
Focus	Auto Focus	Auto Focus
Image Effect	Mirror/Freeze/B&W/Negative/Split	Mirror/Freeze/B&W/Negative/Split/ Picture-in-Picture/Night Mode
Head Rotation	270 d. Rotation/ 180 d. pivot	270 degrees/ 45 d. pivot
White Balance	Auto/Manual	Auto/Manual
Exposure	Auto/Manual	Auto
Flicker Level	2 levels	2 levels
Horizontal Resolution	700TV	1000TV
Shooting Area	9.8" x 12.8"	11.7" x 16.5"
VGA/RGB Output	SXGA (1280x1024 @ 60Hz)	SXGA (1280x1024 @ 60Hz)
Video Input Switching	VGA, PC, and DVD passthrough (w/ audio and video input switch)	VGA Passthrough Switch
Video Scaler	Yes (All signals able to be output through VGA output)	N/A
USB 2.0 Output	USB Video Device (640x480, 720x576) TWAIN 32-bit	USB Video Device (640x480, 720x576) TWAIN 32-bit
Save Images	Unlimited capture by USB 2.0 (Video and still capture) 64 image store to internal memory	Unlimited capture by USB 2.0 (Video and still capture) 32-image store to internal memory
Software	Debut Video Capture for Windows VideoGlide Video Capture for MAC	Debut Video Capture for Windows VideoGlide Video Capture for MAC
Video Input	2 x VGA Passthrough 1 x Composite Video (RCA)	1 VGA Passthrough
Audio Input	1 x RCA 2 x 1/8" Stereo Jack 1 x 1/8" Microphone Jack (with volume control)	N/A
Video Output	2 x VGA Out (SXGA 1280x1024 60Hz) 1 x Composite Video (RCA) 1 x USB 2.0 (VGA 640x480/720x576)	1 x VGA Out (SXGA 1280x1024 60Hz) 1 x S-Video Out (mini DIN-4) 1 x Composite Video (RCA) 1 x USB 2.0 (VGA 640x480/720x576)
Audio Output	1 x RCA 1 x 1/8" Stereo Jack	N/A
Power (brick)	DC 12V/2A (100-240v 50/60 Hz)	DC 12V/2A (100-240v 50/60 Hz)
Light Source	LED Lamp, LED Light Base	LED Lamp
IR Remote	Yes	Yes
Carrying Case	N/A	Included
Microscope Adapter	N/A	Optional
Physical Dimensions/Weight	Folded: 17.5 x 13.7 x 6 (in) Open: 17.5 x 15.7 x 21.5 (in) Weight: 7.5 lbs Shipping Weight: 15 lbs	Folded: 15.25 x 8 x 2.5 (in) Open: 7.25 x 7.7x 24 (in) Weight: 4.5 lbs Shipping Weight: 10 lbs

Bundled Software

Both Windows and MAC users will be happy to find intuitive, easy to learn, video capture software bundled with the iMMCam. By simply connecting your iMMCam to your computer with the included USB cable you'll be able to capture still images and video to your laptop or desktop hard drive at full USB 2.0 speed. If you'd rather save to a memory card or USB flash stick, then simply save stored images to these removable media devices and take them with you when your presentation is done. If your computer has a built in mic or a mic attached (USB Headset microphone) you can even save audio with your video capture for a complete recording solution. By storing to your computer hard drive or removable media you are essentially unlimited in the number of still images and videos you can to capture.
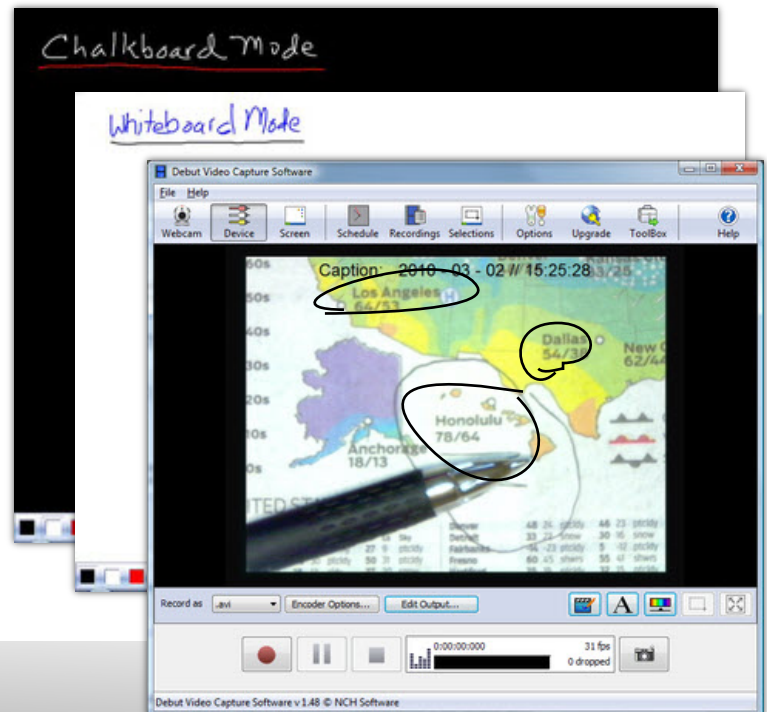
VideoGlide by EchoFX for Mac OSX
Debut Video Capture by NCH Software

Make it work together!

Use our iMMPad wireless tablet with our document cameras for the ultimate classroom experience. With the iMMPad you can easily annotate over anything displayed on your computer screen. Combine this feature with the ability of your iMMCam to feed live video to your computer screen via the USB connection and you quickly see how you can use the iMMPad to literally annotate over an image of anything you put under your doc camera lens.

If you want to switch to a chalkboard or whiteboard mode, simply switch your iMMCam to "VGA Pass-through" and your computer desktop is now projected onto your screen and you can use iMMPad Power Presenter software to annotate over any application running on your computer or a black background (chalkboard mode) or white background (whiteboard mode). This is a great way to easily switch between interactive lesson plans, marking up captured images, or even live video feeds, and making use of content from the web or other sources. You can easily run all of this through your document camera.