

DC190

The Audio Video Ladibug™

Lumens™
Brighter Teaching

The Lumens™ DC190 Ladibug™ is a high-resolution multimedia document camera that delivers crystal clear SXGA resolution with a powerful 5.5x optical zoom lens. One-touch audio/video recording and playback do not require a computer. A large image shooting area means teachers can share a view of large pages and objects instantly. The DC190 camera head and lamp are mounted on adjustable gooseneck arms to examine objects from any angle.

Key Features:

- **High-Resolution XGA, SXGA, and WXGA**
- **One-Touch Video/Audio Recording and Playback**
- **Built in Microphone**
- **5.5x Optical Zoom, Manual Zoom**
- **8x Digital Zoom**
- **Annotates without a computer**
- **Supports Wireless mouse devices**
- **Internal Memory for 120 JPEG Images**
- **USB Drives supports up to 64 GB**
- **Compatible with ALL Interactive Whiteboards (IWB)**
- **Time-Lapse Photography**
- **Automatic and Manual Slide Show**
- **5 Year Unlimited REPLACEMENT Warranty - Lowest Total Cost of Ownership!**
- **FREE Training**
- **FREE Skinit Label**
Product registration required.



Ladibug™
Document Cameras



www.MyLadibug.com

IMAGING

Full screen Video/audio recording and playback

Output Resolution : XGA (1024 x 768), SXGA (1280 x 1024), WXGA (1280 x 800)

Frame Rate : VGA - 30 fps; USB - 20 fps

Zoom Capacity : 5.5x optical zoom and 8x digital zoom

Capture Area : 18" x 12.5" (357.2 x 317.5 mm)

LIGHTING

Lamp Type : 2 lamps for completely even light coverage, (one in head)

Light Box : Optional

INPUT/OUTPUT

Power Supply : Built-in, 100-240 VAC, auto switching

VGA In : Active pass through from the computer

VGA Out : VGA output to the projector

Audio In : Built-in microphone

Audio Out : 3.5mm phone jack for earphones or speakers

Internal Memory Capacity : Up to 120 JPEG images

External Memory Capacity : Support USB Drive

USB Support : USB 2.0 High Speed (up to 480 Mbps) for seamless integration with interactive whiteboards

RS-232 : Yes

C-Video : RCA Jack (PAL, NTSC)

SOFTWARE

Ladibug™ Software Included : Support PC Windows 7, XP, Vista and Mac OSX. (Free download from Lumens™ website.)

Video Recording with Audio : Record video with various compression formats. Playback with audio out- No PC needed.

Image Capture : Single or continuous capture of JPEG images.

Annotation : Add annotations directly to live image.

Controls and Operations : Same set of controls as the remote control

USB Driver : Supports UVC, WIA and TWAIN for integration with interactive whiteboards including Promethean™, SMART™, Hitachi Starboard™, Mimio™, and others.

ACCESSORIES

Standard : Power cable, VGA cable, USB cable, Microscope adapter (x 3), Audio Cable, Remote Control

Optional : Padded carrying case, light box, USB 2.0 high speed 15 foot extension cable, 25 foot Power cable, RS232 Adapter

OPERATION FUNCTIONS

Auto Tune : Yes, single button to adjust for best possible images

Auto Exposure : Yes

Auto White Balance : Yes

Auto Focus : Yes

Photo/Text Mode : Choose photo/grayscale/text mode

Image Mode : Choose normal/35mm slide/microscope/negative film

Image Capture : Single capturing of images to built-in memory, or to a computer via USB, or to a USB drive

Video Recording : One-touch, Video recording and playback with audio from built-in microphone

Picture In Picture (PIP) : Yes

Freeze : Yes

Slide Show : Automatically or manually

Image Rotation : Full screen image rotation from 90,180 to 270 degrees

Annotation : Yes, Annotation with or without a computer

Spotlight : Yes

Low Light Mode : Yes

Pan Across the Screen : Enlarged any part of the image and pan it by using the arrow keys.

Mask : Yes

Projector Type : Yes, supports both LCD and DLP projectors

Volume control : Yes, via remote or OSD

SECURITY

Lock-Down Mode : Lock the unit with password entry

Auto Erase Mode : Option to automatically erase internal memory during power down

Anti-Theft : Kensington Lock Port on document camera chassis.

Bolt Holes on Bottom for Mounting : VESA standard 2.95" x 2.95"

OTHER

Weight : 5.0 lbs (2.3kg)

Dimensions Operating : 11' x 6" x 11" (279 x 152.4x 279 mm) (L x W x H)

Dimensions Folded : 7" x 6" x 11" (177.8 x 152.4x 279 mm) (L x W x H)

Warranty : 5 year unlimited REPLACEMENT warranty covers all hardware including lamps

Express Replacement : Free advanced replacement program available

COMPLIANCE

Lumens™ comply with these important standards : FCC-EMI, cUL, CE-EMC, CE-LVD, RoHS, and WEEE.

I/O CONNECTIONS

