DC170 Ladibug™

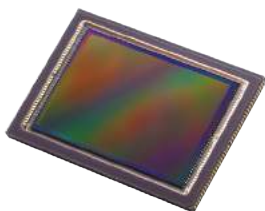## High-Definition Document Camera

Lumens™
Brighter Teaching

The Lumens™ DC170 document camera is equipped with a specialized 2x Sensor zoom and a professional image sensor to deliver vivid colors at Full HD, 1080p output resolutions with 30 frames per second. It transmits a streaming image smoothly in real time without delays. The internal memory stores up to 240 images and is supported SD card memory device. One-touch video recording allows recording of standalone presentations without the need for a PC. The jointless, highly flexible gooseneck enables a 360° viewing angle and object viewing from just 1.6" (4 cm) to observe an object's finer details. The adjustable side lamp design prevents reflections. Press one button to get the perfect image quality every time. The Lumens DC170 makes presentations and teaching more interactive and attractive.

Key Features

- Full HD, 1080p Output Resolution
- High Speed 30fps Dynamic Image
- VGA Output / HDMI Output
- Professional 2x Sensor Zoom
- Digital Zoom 12x
- Superior Sensor Delivery and Crystal Image Quality
- Built-in Microphone
- One-Touch Synchronous Audio/Video Recording
- Built-in SD card slot, support SDHC, SDXC, expandable to 64GB
- Jointless, Highly Flexible Gooseneck
- Plug and Play
- Unique Image Optimization-Auto Tune
- Innovative Built-in Power Supply
- Compatible with All Major Brands of Interactive Whiteboards
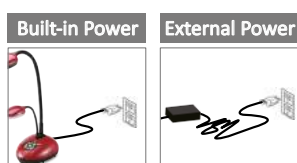- 5-Year Unlimited Replacement Warranty

More Details

Excellent Image Quality

The DC170 is equipped with a professional image sensor with low noise and vivid color reproduction. It supports Full HD 1080p, SXGA, and various signal formats for crystal-clear images.

Video / Audio Recording and Extra Storage

The DC170 has a built-in microphone and just one-button to record video and audio synchronously on-board directly without a PC. The SD card storage is convenient for recording trainings, meetings, seminars and lectures.

Built-in Power

The DC170 has a more stable power supply and less items to detach for consistent image and data flow.

HDMI Interface

The DC170 utilizes a standard HDMI interface for the highest quality digital video transmission and simple system integration.
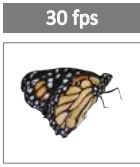

Anti-Reflection

With the Lumens™ side lamp gooseneck design, the direction of the light source can be adjusted according to the environment to prevent reflections.

No Reflection | Reflection

Auto Tune

The DC170 has a convenient button to automatically adjust the clarity, brightness and color according to the actual environment.

Auto Tune | Without Auto Tune

Extremely Smooth Dynamic Image

With 30 fps, the DC170 captures every tiny movement during playback without delays. Even flapping insect wings can be clearly observed in great detail.

30 fps | < 24 fps

Jointless Gooseneck

The highly flexible, jointless gooseneck design ensures smooth quality without vibration. It is easy to use and has a 360° viewing angle.

Specifications

Zoom	2x Sensor zoom		**Power Supply**	Internal Power Supply, 100-240VAC
Digital Zoom	12x		**USB Image Transmission**	USB 2.0 (480 Mbps) high speed transmission
Mechanical Zoom	9x		**Video/Audio Recording**	One Touch, record image and sound synchronously
Output Resolution	XGA, SXGA(1280x960), WXGA, 1080p		**Built-in Microphone**	Yes
High Color Reproduction	ΔC*ab 13.5 max		**Image Capture**	Single or continuous capturing
SNR	51 dB		**Auto Tune**	One button for image optimization
Sharpness	MTF 1023 lines		**Image Rotation**	0˚, 180˚, Flip, Mirror
Frame Rate	30 fps		**Anti-Theft**	Kensington anti-theft lock slot
Shooting Area Max.	17.4″ x 13″ (442 x 331 mm) > A3 size		**Free Lumens™ Software**	Supports PC Windows 8, 7, XP, Vista and Mac OSX ; WIA & TWAIN interface
Close-up	1.6″(4 cm)			
Lamp	1. LED side lamp supported by gooseneck 2. Built-in LED on camera head			

User Interface

HDMI Output | Kensington Lock Slot | AC Power Supply | VGA Output to Projector | Audio Output | USB 2.0 for Data Exchange for PC | VGA Pass Through from Computer | C-Video/RS-232 Output | SD Card Slot