

# DC192 Ladibug™

## High-Definition Document Camera

**Lumens™**  
Brilliance by Design

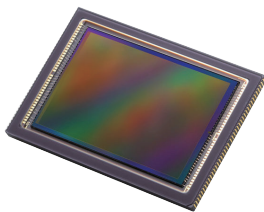
The Lumens™ DC192 document camera has 16x zoom capability (8x optical zoom, 2x sensor zoom) and a professional image sensor to deliver vivid colors at high-definition, Full HD, 1080p output resolutions with 30 frames per second. It transmits a streaming image smoothly in real time without delays. The internal memory stores up to 240 images and is expandable to 32GB using a USB flash drive. One-touch video recording allows for recording stand-alone presentations without the need for a PC. The jointless, highly flexible gooseneck enables a 360° viewing angle and object viewing from just 1.2 inch (3 cm) to observe an object's finer details. The adjustable side lamp design prevents reflections. Single-button auto-tune provides the perfect image quality every time. The Lumens™ DC192 is a high-resolution multimedia document camera that makes presentations and teaching more interactive and attractive.

### Key Features

- Full HD, 1080p output resolution
- High speed 30fps dynamic image
- VGA input/output, HDMI input/output
- Professional 16x zoom capability
- Superior sensor delivery and crystal image quality
- Built-in microphone
- One-touch synchronous audio/video recording
- Compatible with USB flash drives, expandable to 32GB
- 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

Equipped with a professional image sensor with low noise and vivid color reproduction, the DC192 also supports Full HD, 1080p and HDMI Interface for the highest quality digital video transmission and simple system integration.



#### Video/Audio Recording and Extra Storage

The DC192 has a built-in microphone, USB flash drive (expandable to 32GB) and just one button to record video and audio synchronously onboard, directly, without a PC.



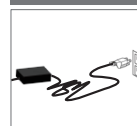
#### Annotation without PC

Most document cameras require a PC to carry out image annotation. Lumens™ has developed a PC-free solution, using a USB wired or wireless mouse to enable the image to be directly edited.

#### Built-in Power



#### External Power



#### Built-in Power

The DC192 has a more stable power supply and fewer items to detach to enable consistent and constant image and data flow.

### No Reflection



### Reflection



## 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.

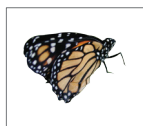


## Auto Tune

The DC192 has a convenient single button to automatically adjust the clarity, brightness, and color according to the actual environment.

30 fps

< 24 fps



## Extremely Smooth Dynamic Image

With 30 fps, the DC192 captures every tiny movement during playback without delays. Even flapping insect wings can be clearly observed in great detail.



## Jointless Gooseneck

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

## Specifications

<b>Zoom</b>	16x (8x optical zoom; 2 sensor zoom)	<b>Power Supply</b>	Internal power supply, 100-240VAC
<b>Digital Zoom</b>	12x	<b>USB Image Transmission</b>	USB 2.0 (480 Mbps) high-speed transmission
<b>Mechanical Zoom</b>	10x	<b>Video/Audio Recording</b>	One-touch records image and sound synchronously
<b>Close-up</b>	1.2" (3 cm)	<b>Built-in Microphone</b>	Yes
<b>Shooting Area Max.</b>	15.7" x 11.8" (400 x 300 mm)	<b>Image Capture</b>	Single or continuous capturing
<b>Output Resolution</b>	XGA, SXGA(1280x960), WXGA, 1080p	<b>Auto Tune</b>	Yes, one button for image optimization
<b>High Color Reproduction</b>	$\Delta E^*ab$ 14.87 (mean)	<b>Image Rotation</b>	0°, 180°, flip, mirror
<b>SNR</b>	51 dB	<b>Anti-Theft</b>	Kensington anti-theft lock device
<b>Sharpness</b>	MTF 937 lines	<b>Free Lumens™ Software</b>	Support PC Windows 8, 7, XP, Vista and Mac OSX ; WIA & TWAIN interface
<b>Frame Rate</b>	30 fps	<b>Included Accessories</b>	Power cable, VGA cable, USB cable, remote control, microscope adapter
<b>Lamp</b>	LED gooseneck side lamp and head lamp		

## User Interface

