

# PS751

## High-Definition Desktop Document Camera

**Lumens**<sup>™</sup>  
Brilliance by Design

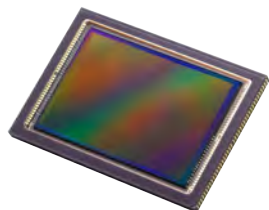
The Lumens<sup>™</sup> PS751 is a desktop document camera equipped with 16x zoom capability and a professional image sensor to deliver vivid colors at high-definition, the PS751 has Full HD 1080p output resolution and 30 frames per second. The Lumens<sup>™</sup> PS751 not only supports HDMI input/output, it is also compatible with high definition audio/video equipment. Its internal memory stores up to 240 images and is expandable with a USB flash drive. One-touch audio/video recording records presentations without the need for a PC. A built-in backlight design achieves the multi-image display requirements. The dual, adjustable side-lamp design prevents reflections. Single-button auto-tune provides the perfect image quality every time. The PS751 has a unique projector mode for connecting LCD and DLP projectors to reduce interference caused by different types of projectors, delivering the best image quality.

### Key Features

- Full HD 1080p output resolution
- High speed 30fps dynamic image
- VGA and HDMI input/output
- Professional 16x zoom capability
- Superior sensor delivery and crystal-clear image quality
- Built-in microphone
- One-touch synchronous audio/video recording
- Built-in USB flash drive for recording presentations
- Mouse support for live image annotation without the need for a PC
- Dual gooseneck side lamps for anti-reflection
- A full-sized, built-in LED backlight design for X-ray, film, and slides
- Unique image optimization with auto tune
- Compatibility with all major brands of whiteboards
- Foldable to a height of 6 inches (15 cm)



### More Details



#### Excellent Image Quality

The Lumens<sup>™</sup> PS751 has a professional image sensor that features low noise, high resolution, and vivid color reproduction to present excellent image quality, even under insufficient light conditions.



#### Recording and Storage

The Lumens<sup>™</sup> PS751 has a built-in microphone and USB flash drive to record and store audio and video synchronously, without a PC.



#### Annotation without PC

Lumens<sup>™</sup> has developed a PC-free solution for annotation, using a USB wired or wireless mouse to enable images to be directly edited.



#### HDMI Interface

The Lumens<sup>™</sup> PS751 supports HDMI interface for the highest quality digital video transmission and simple systems integration process.

### No Reflection

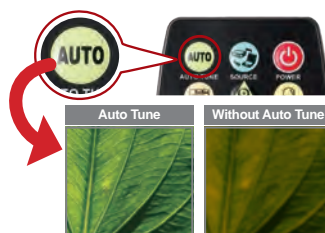


### Reflection



## Anti-Reflection

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



## Auto Tune

With the touch of a single button, the Lumens™ PS751 automatically adjusts clarity, brightness, and color according to the environment.

30 fps

< 24 fps



## Smooth Dynamic Image

With 30 fps, even the tiniest movement (like the flapping wings of an insect), can be captured during playback without delays.



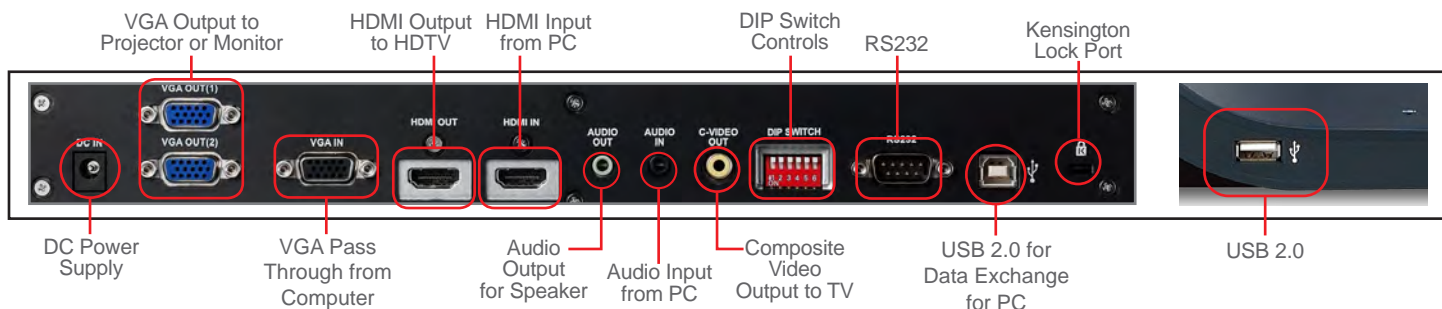
## Built-in LED Backlight

With the largest, built-in LED backlight size in the industry, users do not need to constantly adjust the position of transparent media, such as X-rays, photos, negatives and slides, during presentations.

## Specifications

<b>Zoom</b>	16x (8x optical zoom; 2x sensor zoom)	<b>USB Image Transmission</b>	USB 2.0 (480 Mbps) high-speed transmission
<b>Digital Zoom</b>	12x	<b>Audio/Video Recording</b>	One-touch records image and sound synchronously
<b>Output Resolution</b>	XGA, SXGA, WXGA, 1080p	<b>Built-in Memory</b>	240 JPEG
<b>Frame Rate</b>	30 fps	<b>USB flash drive</b>	for USB flash drives (up to 4TB) or wired/wireless mouse for annotation
<b>Shooting Area Max.</b>	20.4" x 15" (520 x 381 mm) > A3 size	<b>Built-in Microphone</b>	Yes
<b>Built-in Backlight Size</b>	8.3" x 11.7" (210 x 297 mm)	<b>Image Capture</b>	Single or continuous capturing
<b>High Color Reproduction</b>	$\Delta E^*_{ab}$ 12.3 (mean)	<b>Auto Tune</b>	Yes, one button for image optimization
<b>SNR</b>	51 dB	<b>Image Rotation</b>	0°, 180°, flip, mirror
<b>Sharpness</b>	MTF 967 lines	<b>Anti-Theft</b>	Kensington anti-theft lock device
<b>Lamps</b>	Dual LED side lamps supported by a gooseneck	<b>Free Lumens™ Software</b>	Supports PC Windows 8, 7, XP, Vista and Mac OSX ; WIA & TWAIN interface
<b>Input Interface</b>	VGA, HDMI		
<b>Output Interface</b>	VGA x 2, HDMI, C-Video		

## I/O Connections



**Lumens™**  
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