PS751

High-Definition Desktop Document Camera

Lumens™
Brilliance by Design

The Lumens™ 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™ 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.
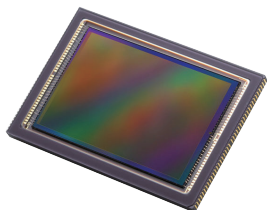
Key Features

- 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
- Compatability with all major brands of whiteboards
- Foldable to a height of 6 inches (15 cm)

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More Details

Excellent Image Quality

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

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.

No Reflection | Reflection

Auto Tune

With the touch of a single button, the Lumens™ PS751 automatically adjusts clarity, brightness, and color according to the environment.
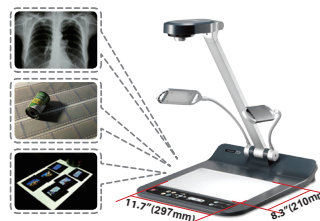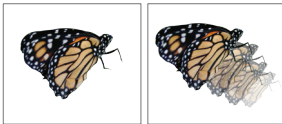
Auto Tune | Without Auto Tune

Smooth Dynamic Image

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

30 fps | < 24 fps

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.

11.7"(297mm)   8.3"(210mm)

Specifications

Zoom	16x (8x optical zoom; 2x sensor zoom)	**USB Image Transmission**	USB 2.0 (480 Mbps) high-speed transmission
Digital Zoom	12x	**Audio/Video Recording**	One-touch records image and sound synchronously
Output Resolution	XGA, SXGA, WXGA, 1080p	**Built-in Memory**	240 JPEG
Frame Rate	30 fps	**USB flash drive**	for USB flash drives (up to 32GB) or wired/wireless mouse for annotation
Shooting Area Max.	20.4″ x 15″ (520 x 381 mm) > A3 size	**Built-in Microphone**	Yes
Built-in Backlight Size	8.3″ x 11.7″ (210 x 297 mm)	**Image Capture**	Single or continuous capturing
High Color Reproduction	ΔE*ab 12.3 (mean)	**Auto Tune**	Yes, one button for image optimization
SNR	51 dB	**Image Rotation**	0˚, 180˚, flip, mirror
Sharpness	MTF 967 lines	**Anti-Theft**	Kensington anti-theft lock device
Lamps	Dual LED side lamps supported by a gooseneck	**Free Lumens™ Software**	Supports PC Windows 8, 7, XP, Vista and Mac OSX ; WIA & TWAIN interface
Input Interface	VGA, HDMI		
Output Interface	VGA x 2, HDMI, C-Video		

I/O Connections

VGA Output to Projector or Monitor | HDMI Output to HDTV | HDMI Input from PC | DIP Switch Controls | RS232 | Kensington Lock Port

VGA OUT(1) | VGA OUT(2) | DC IN | HDMI OUT | HDMI IN | VGA IN | AUDIO OUT | AUDIO IN | C-VIDEO OUT | DIP SWITCH | RS232

DC Power Supply | VGA Pass Through from Computer | Audio Output for Speaker | Audio Input from PC | Composite Video Output to TV | USB 2.0 for Data Exchange for PC | USB 2.0