

PS660

High-Definition Multimedia Desktop Document Camera

Lumens[™]
Inspired Learning

The Lumens PS660 is a high-definition document camera with one-touch audio and video recording. The VGA port outputs up to SXGA resolution and the HDMI port outputs up to 1080p resolution. Specifically designed with the needs of educators in mind, the PS660 works seamlessly with interactive whiteboards and connects via High-Speed USB 2.0.



Key Features

- High-Definition 1080p, UXGA, SXGA, and XGA
- 15x Optical Zoom
- One-touch video/audio recording and playback
- Built-in microphone
- SD card - accepts up to 32 GB
- Compatible with all interactive whiteboards (IWB)
- Time-lapse photography
- Automatic and manual slideshow

Specifications

PS660

IMAGING

Sensor Technology: CMOS
Output Resolution: HDTV 1080p, 720p, UXGA (1600 x 1200), SXGA (1280 x 1024), XGA (1024 x 768)
Frame Rate: 20 fps (normal mode), 30 fps (special mode)
Zoom Capacity: 15x optical zoom and 4x digital zoom
Capture Area: 14" x 11"

LIGHTING

Lamp Type: Cold cathode lamp; provides up to 20,000 lamp life hours
Number of Lamps: 2 lights
Light Box: built-in, 5" x 4"

INPUT/OUTPUT

Power Supply: Built-in, 100-240 VAC, auto switching
HDMI Output: HDTV 1080p, 720p
VGA in: 2 ports, active pass through from the computer to an external monitor; can switch VGA source between 2 computers
VGA Out: 2 ports, to projector and to monitor (for VGA pass through)
Audio In: Built-in microphone
Audio Out: 3.5mm phone jack for earphones or speakers
Internal Memory Capacity: Up to 240 JPEG images
External Memory Capacity: Support SDHC up to 32GB memory, one SD card included
USB Support: USB 2.0 High Speed (up to 480 Mbps) for seamless integration with interactive whiteboards
Extender: For RS232 and C-Video

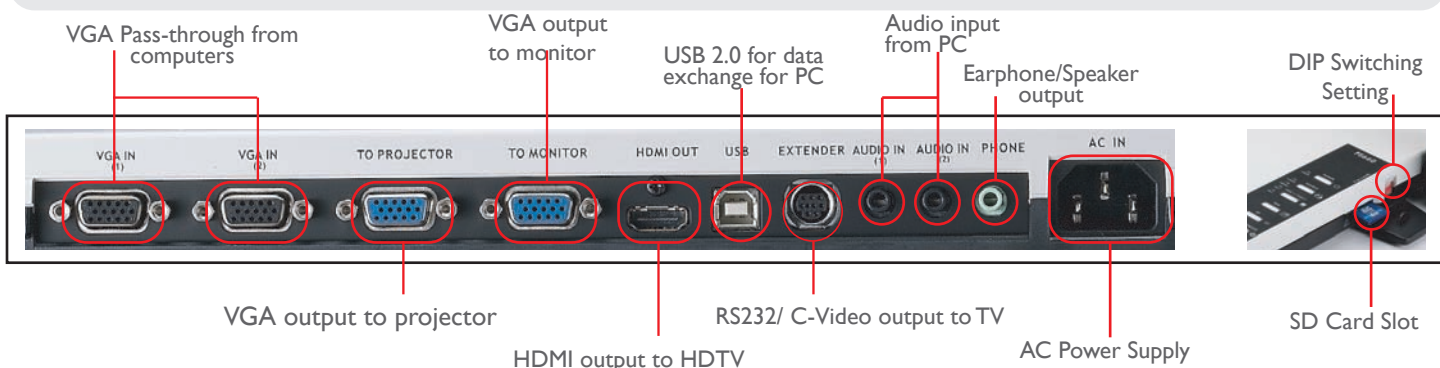
SOFTWARE

queue™ Utility: Included. Support PC Windows 2000, XP, Vista and Mac OS X 10 and above, Linux.
Linux Driver: V4L and ALSA
USB Driver: Support WIA and TWAIN for integration with Interactive Whiteboards such as Hitachi Starboard™, Mimio™, Promethean™, etc.

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 slot available

I/O PHOTO



ACCESSORIES

Standard: Power cable, VGA cable, USB cable, C-Video cable, audio cable, extender adapter, microscope adapters (x3), remote control
Optional: Padded carrying case

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
Audio and Video Recording: One touch, standalone audio and video recording with built-in microphone to a SD card or directly to PC/Mac at SXGA, XGA or 720p mode
Image Capture: Single or continuous capturing images (time lapse photography) to built-in memory, to a SD card, or to the computer via USB
Picture by Picture (PBP): Yes
Freeze: Yes
Slide Show: FastSlide™ Technology to automatically or manually playback saved images
Slide Show Transition Effect: 5 slide show transition effects: shutter/right/down/side/open
Image Rotation: Full screen image rotation from 90, 180 to 270 degrees
Pan: 5-step book mode. Automatically zoom from full page to separate quadrants (upper-left, lower-left, upper-right, lower-right)
Noise Reduction: Dynamic Noise Reduction™ technology to remove DLP projector image noise
Audio Volume adjustment: Yes
Annotation: Yes, by using Lumens queue™ software
Low Light Mode: Yes

OTHER

Weight: 12.1 lbs
Dimension operating: 20.5" x 13.8" x 23.2" (L x W x H)
Dimension folded: 20.5" x 13.8" x 6" (L x W x H)
Warranty: 5-year unlimited warranty including consumables
Express Replacement: Free advanced replacement program
Compliance: Lumens visual presenters are in compliance with standards of FCC-EMI, cUL, CE-EMC, CE-LVD, RoHS, and WEEE.

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