

PS660

High-Definition Multimedia Desktop Document Camera

Lumens[™]
Brighter Teaching

The Lumens[™] PS660 is a High-definition document camera with one-touch audio and video recording. The VGA port provides resolution clarity up to UXGA 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**
- **Excellent Color Reproduction**
- **One-touch Video/Audio Recording and Playback**
- **Built-in Microphone**
- **SD Card Slot - Accepts up to 32 GB**
- **Compatible with all Interactive Whiteboards (IWB)**
- **Time-lapse Photography**
- **Automatic and Manual Slideshows**
- **5 Year Unlimited REPLACEMENT Warranty**



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IMAGING

Sensor Technology : CMOS
Output Resolution: HDTV 1080p, 720p, UXGA (1600 x 1200), SXGA (1280 x 1024), (1024 x 768)
Frame Rate: VGA: 30 fps Max; USB: 20 fps Max
Zoom Capacity: 15x optical zoom and 8x digital zoom
Capture Area: 14" x 11" (355.6 x 379.4 mm)

LIGHTING

Lamp Type: Cold cathode lamp; provides up to 20,000 hours of lamp life
Number of Lamps: Two 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 and 2 audio input ports
Audio Out: 3.5mm phone jack
Internal Memory Capacity: Up to 240 JPEG images
External Memory Capacity: Up to 32GB memory SD Card
USB Support: USB 2.0 High Speed (up to 480 Mbps) for seamless integration with interactive whiteboards
Extender: For RS232 and C-Video

SOFTWARE

Ladibug™ Software (included): Support PC Windows 7, XP, Vista and Mac OSX (free download from Lumens™ website)
Video Recording with Audio: Record video with various compression codecs
Image Capture: Single or continuous capture of JPEG images
Annotation: Add annotations directly to live image
Controls and Operations: Same set of controls as the remote control

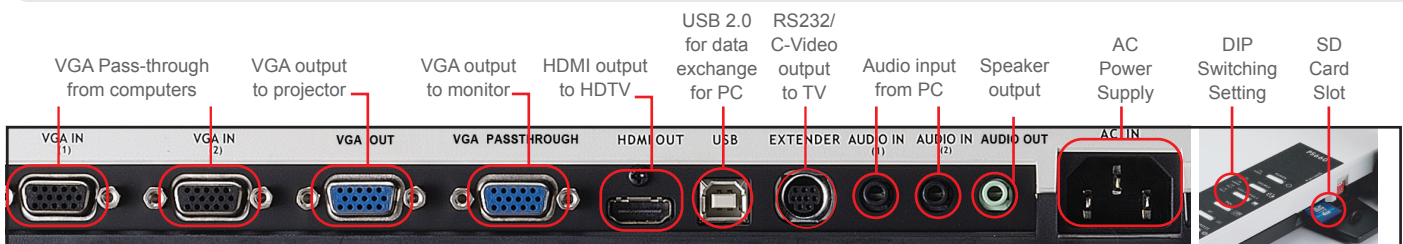
DRIVER

USB Driver: WIA and TWAIN for integration with Interactive Whiteboards such as Hitachi Starboard™, Mimio™, Promethean™, etc.

ACCESSORIES

Standard: Power cable, VGA cable, USB cable, C-Video cable, audio cable, extender adapter, microscope adapters (x3), remote control
Optional: Padded carrying case, USB 2.0 high speed extension cable

I/O CONNECTIONS



OPERATION FUNCTIONS

Auto Tune: Yes, single button to adjust for best possible image
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
Image Capture: Single or continuous capturing images (time lapse photography) to built-in memory, to a SD card, or to the computer via USB
Audio and Video Recording: One touch, standalone audio and video recording with built-in microphone
Audio Volume adjustment: Yes
Picture by Picture (PBP): Yes
Freeze: Yes
Slide Show: Automatically or manually playback saved images
Slide Show Transition Effect: Five slide show transition effects: shutter/right/down/slide/open
Image Rotation: 0°, 90°, 180° to 270°
Pan: 5-step book mode. Zoom from full page to separate quadrants (upper-left, lower-left, upper-right, lower-right)
Projector Type: For projector image optimization
Annotation: Yes, by using Lumens™ software
Low Light Mode: Yes

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

OTHER

Weight: 12.1 lbs (5.5 kg)
Dimensions: Operating: 20.5" x 13.8" x 23.2" (520.7 x 350.5 x 589.3 mm) (L x W x H), folded height: 6"
Warranty: 5 year unlimited REPLACEMENT warranty covers all hardware including lamps
Express Replacement: FREE advanced replacement program available

COMPLIANCE

Lumens™ Ladibug™ complies with these important standards: FCC-EMI, cUL, CE-EMC, CE-LVD, RoHS, and WEEE

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