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PS750

Multimedia Desktop Document Camera

The Lumens™ PS750 is a Multimedia document camera with stand-alone audio and video recording and playback. The VGA and HDMI ports provide resolution clarity up to SXGA. Specifically designed with the needs of educators in mind, the PS750 works seamlessly with interactive whiteboards and connects via High-Speed USB 2.0.

Key Features

- High Resolution, WXGA, SXGA, and XGA
- 16x 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 Slideshow
- Full sized backlight lightbox
- 5 year Unlimited REPLACEMENT Warranty

Specifications

IMAGING

Sensor Technology : CMOS
Output Resolution : XGA (1024 x 768), SXGA (1280 x 1024), WXGA (1280 x 800)
Frame Rate : Up to 30 fps
Zoom Capacity : 16x optical zoom and 6x digital zoom
Capture Area : 15.7" x 11.8"(400 x 300 mm)

LIGHTING

Lamp Type : LED Lamp Gooseneck
Number of Lamps : 2 lights
Light Box : built-in, 6.8" x 9.7"(210 x 297 mm)

INPUT/OUTPUT

Power Supply : Built-in, 100-240 VAC, auto switching
HDMI Output : HDTV Out x 1
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 3 audio input ports
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
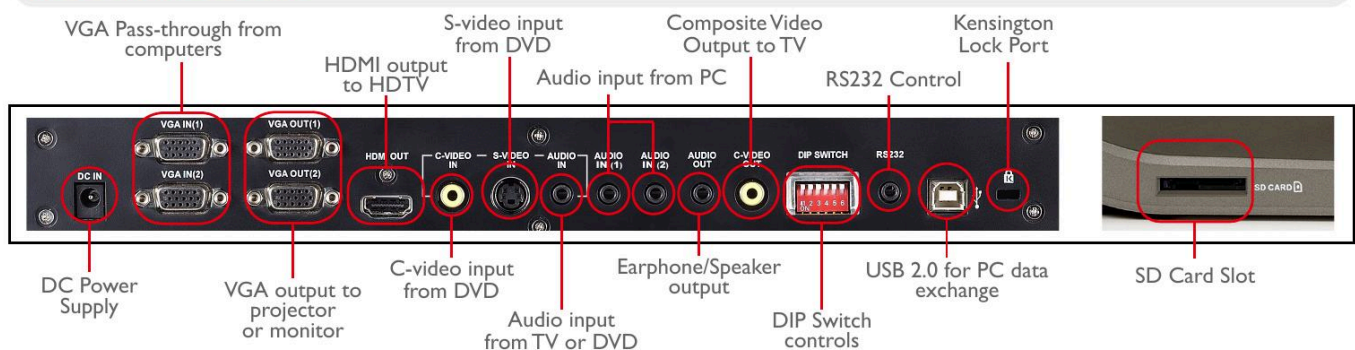**USB Support :** USB 2.0 High Speed (480 Mbps) for seamless integration with interactive whiteboards

SOFTWARE

Lumens™ Software Included : Support PC Windows 8, 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 : Base keypad and remote have matching control functionality.
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 Port on document camera chassis.
Bolt Holes on Bottom for Mounting : VESA standard 2.95" x 2.95"

ACCESSORIES

Standard : Power cable, Power adapter, VGA cable, USB cable, C-Video cable, Audio cable, Remote control
Optional : Microscope adapter, Padded carrying case, USB 2.0 high speed extension cable - 15 feet(5m)

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
Image Capture : Single or continuous capturing images (time lapse photography) to built-in memory, to an SD card, or to the computer via USB
Picture by Picture (PBP) : Yes, compare live images with a saved image
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 in 90 degree increments
Pan Across the Screen : Enlarged any part of the image and pan it by using the arrow keys.
Projector Type : Yes, supports both LCD and DLP projectors
Audio Volume adjustment : Yes
Annotation : Yes, by using Lumens™ software
Low Light Mode : Yes

OTHER

Weight : 12.3 lbs(5.6 kg)
Dimensions Operating : 18.3" x 15.2" x 23.1" (466x385x588 mm)(L x W x H)
Dimensions Folded : 18.3" x 15.2" x 6" (466x385x152 mm)(L x W x H)
Warranty : 5-year unlimited warranty including Lamps
Express Replacement : Free advanced replacement program
Compliance : Lumens™ comply with these important standards: FCC-EMI, cUL, UL, CE-EMC, CE-LVD, RoHS, Erp, and WEEE.

I/O CONNECTIONS

VGA Pass-through from computers
S-video input from DVD
Composite Video Output to TV
Kensington Lock Port
HDMI output to HDTV
Audio input from PC
RS232 Control

DC Power Supply
VGA output to projector or monitor
C-video input from DVD
Audio input from TV or DVD
Earphone/Speaker output
DIP Switch controls
USB 2.0 for PC data exchange
SD Card Slot