Lumens®

PS753
4K Desktop Document Camera

A 4K document camera with 300x zoom, HDMI, VGA, USB, and IP streaming.

Lumens® PS753 is a 300x zoom desktop document camera with a professional Sony imaging sensor. It delivers vivid colors and detailed pictures whether it is reproducing a document or a 3D object. The PS753 is easy to connect to computers, displays, and networks, with HDMI, VGA, USB, and IP outputs. It is designed for use in lecture halls and professional meetings, which require the highest resolution images for display on large screens or where the capture of fine detail is essential.
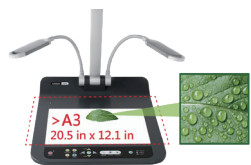
Key Features

- 4K Resolution with 300x zoom
- Supports HDMI, VGA, Ethernet, and USB output
- Shooting area (20.5" x 12.1") larger than A3
- Records to USB drives
- HDMI pass-through up to 4K resolution
- 5-year warranty*

Superior Image Quality

With a 4K camera and powerful zoom, the PS753 delivers remarkably detailed images to screens and projectors.
The high-performance Sony sensor faithfully reproduces textures and colors in real-time, with excellent control over image noise.

Wide Shooting Area

Lumens PS753 is extremely versatile, capable of reproducing documents and objects larger than A3 in size (over 20.5" x 12.1" / 50cm x 30cm). This gives presenters and demonstrators the flexibility that less powerful visualizers cannot match.
Where the operator needs a close-up shot, the 300x zoom can capture the finest detail. For maximum versatility, the ePTZ functionality changes the camera angle and position to focus on a specific part of the object. This gives you the precise image you need every time.

Multi-Angle Lighting

The Lumens PS753 has dual lights on adjustable gooseneck mounts: any object is perfectly lit from above without glare or reflections. It also has a backlit LED light under the display area, making the visualizer ready to illuminate photo negatives and X-rays from below.

Easy to Use

Despite its advanced features, Lumens PS753 is very easy to use. The Auto-Tune immediately calibrates the camera to deliver a perfectly focused image with accurate colors. The annotation tool allows the user to draw over the image on the screen without installing any additional software. It's fast, convenient, and simple to use. Use the included Ladibug software for advanced image control and connect to remote guests using your favorite conferencing platforms, such as Zoom, Meet, Skype, Teams, or WebEx.

Fast Installation

The PS753 is very easy to install. Power is provided over your Ethernet network (PoE) without additional power supplies. The system can output live pictures over a connection that suits the way you work: it links directly to a display or projector over HDMI or VGA or streams images over your network.
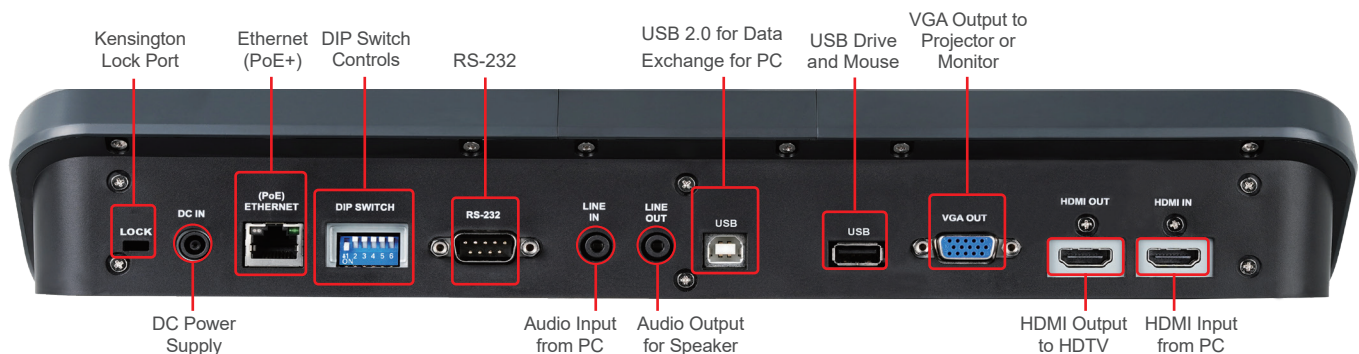
Product Specifications

Camera	
Sensor	1/2.8" 8M CMOS Color Image Sensor
Total Pixels	8.6 MP
Total Zoom	300x (max.)
Zoom	30x
Digital Zoom	30x (max.)
Output Resolution	XGA / 720p / 1080p / 2160p
Frame Rate	30 fps for all resolution 60fps for 1080p and 720p
Shooting Area Max.	522 x 308 mm (20.5" x 12.1")
Sharpness	MTF 1700 Lines (at 2160p)
Focus Mode	Auto / Manual
Image Rotation	0° / 90° / 180° / 270° /Flip / Mirror
Lamp	1. Dual LED Side Lamps supported by a gooseneck 2. Built-in A4 size (297 x 210 mm) LED Backlight
Arm	Mechanical Arm

Input & Output	
Power Supplied	External, 12V DC Adapter (100~240 VAC) / PoE+
Input	HDMIx1 (Support 4K), HDMI Pass-Through
Output	HDMI2.0 x1 / VGA x1(up to 1080p) / USB 2.0 / IP Streaming
Control	RS-232 / USB / Ethernet

USB	
USB Image Transmission	USB 2.0 (480 Mbps)
Driver	UVC / UAC
USB Video Format	H.264 / MJPEG / YUV
USB Host	USB 2.0 Type-A x1 (For Mouse, USB Flash Drive)

Audio	
Built-in Microphone	Yes
Audio In	Built-in Mic, Line In (3.5mm)
Audio Out	Line Out (3.5mm)

Network	
Ethernet	RJ-45 (PoE+, IEEE802.3at)
IP Stream Format	RTSP(H.264)

Storage	
Memory Slot	USB 2.0 Flash Drive, Expandable to 4TB
Built-in Memory	100 JPEG

Features	
Auto Tune	Yes, One Button for Optimization Image
Video / Audio Recording	One touch Button records image and sound synchronously
Onboard annotation	Yes, Support USB Mouse
Image Mode	Photo / Text / Film / Slide / Microscope
Freeze	Yes
Pan	Yes
Picture in Picture (PIP)	Yes
Mask / Spotlight	Yes
Lock Down Mode	Yes
Auto Erase	Yes
Image Capture	Single or Continuous Capturing
Standalone AV Recording	Yes, H.264 1080p
Ladibug™ Software	Support Windows 11, 10, 7 / Mac OS X / Chrome OS

General	
Anti-Theft	Kensington Anti-Theft Lock Device
VESA Mount	Yes, 75mm x 75mm
Included Accessories	Power Adapter, Power Cable, USB Cable, HDMI Cable
Power Consumption	DC In : 16W PoE : 18W
Dimensions: (WxHxD)	Folded : 15.2" x 6" x 22.3" (385 x 152 x 566 mm) Open : 15.2" x 23.1" x 18.3" (385 x 588 x 466 mm)
Weight	12.3 lbs (5.6 kg)

I/O Connections

Kensington Lock Port — DC Power Supply
Ethernet (PoE+)
DIP Switch Controls
RS-232 — Audio Input from PC
Audio Output for Speaker
USB 2.0 for Data Exchange for PC
USB Drive and Mouse
VGA Output to Projector or Monitor
HDMI Output to HDTV
HDMI Input from PC