Lumens®

PS753
4K Desktop Document Camera

4K | 300x | PoE+ | >A3

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.

Applications

Higher Education
Perfect for science teaching, e-classrooms, group discussions with remote students, interactive workshops, and collaborative seminars.

Courtroom
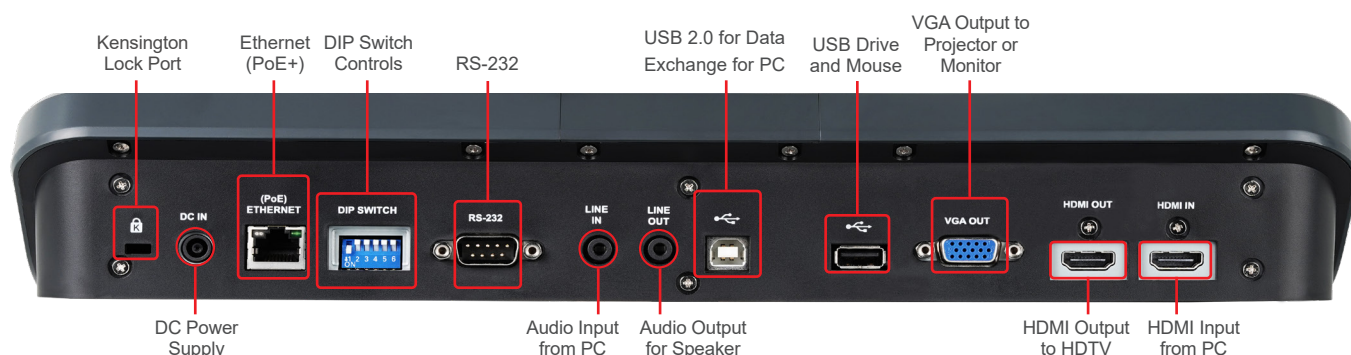Visualize documentary evidence to court participants and remote attendees in the highest quality.

Medicine
Bring local and remote medical professionals together for collaborative diagnostics and training.

Product Specifications

Image Sensor	1/2.8" 8MP CMOS	**Image Mode**	Photo / Text / Film / Slide / Microscope
Total Pixels	8.6 MP	**Image Rotation**	0° / 90° / 180° / 270° / Flip / Mirror
Total Zoom	300x (Optical: 10x, Sensor: 3x)	**Standalone AV Recording**	Yes
Digital Zoom	30x (max.)	**Video / Audio Recording**	Yes
Output Resolution	XGA / 720p / 1080p / 2160p	**HDMI Pass-through**	Active Pass-through, up to 2160p 60 Hz
Frame Rate	30fps for All Resolution 60fps for 1080p and 720p	**Onboard Annotation**	Yes, Supports USB Mouse
Shooting Area Max.	522 x 308 mm (20.5" x 12.1")	**Freeze**	Yes
IP Stream Format	RTSP (H.264 / AAC)	**Pan**	Yes
USB Video format	H.264 / MJPEG / YUV	**PIP**	Yes
Lamp	1. Dual LED Side Lamps 2. Built-in LED Backlight	**Mask / Spotlight**	Yes
Arm	Mechanical Arm	**Lock Down Mode**	Yes
Power	External, 12V DC Adapter (100~240 VAC) PoE+	**Auto Erase**	Yes
Input	HDMI x1 (Supports 4K)	**USB Image Transmission**	USB 2.0 (480 Mbps) High Speed Transmission
Output	HDMI x1 / VGA x1(up to 1080p) / USB 2.0 / IP Streaming	**Image Capture**	Single or Continuous Capturing
Ethernet	RJ-45 (PoE+, IEEE802.3at)	**Driver**	UVC / UAC
Control	RS-232 / USB / IP	**Free Lumens™ Software**	Ladibug Software
Built-in Microphone	Yes	**Anti-Theft**	Kensington Anti-Theft Lock Device
Audio In	Built-in Mic, Line In (3.5mm)	**VESA Mount**	Yes, 75mm x 75mm
Audio(Phone) Out	Line Out (3.5mm)	**Built-in Back Light Size**	210 x 297 mm (8.3" x 11.7")
Memory Slot	USB 2.0 Flash Drive, Expandable to 4TB	**Sharpness**	MTF 1100 lines (at 2160p)
Built-in Memory	100 JPEG	**Power Consumption**	DC In : 16W / PoE : 18W
Auto Tune	Yes	**Weight**	12.3 lbs (5.6 kg)
Focus Mode	Auto / Manual	**Dimensions (LxWxH)**	Folded : 22.3"x15.2"x6" (566x385x152 mm) Open : 18.3"x15.2"x23.1" (466x385x588 mm)

I/O Connections

Kensington Lock Port
Ethernet (PoE+)
DIP Switch Controls
RS-232
USB 2.0 for Data Exchange for PC
USB Drive and Mouse
VGA Output to Projector or Monitor

DC Power Supply
Audio Input from PC
Audio Output for Speaker
HDMI Output to HDTV
HDMI Input from PC