Overview

Datalux 8MP Document Camera is a versatile, high-performance visual presentation tool designed for classrooms, training rooms, offices, and remote collaboration. With its 8-megapixel auto-focus camera, it delivers crystal-clear ultra-HD images and smooth full-HD video recordings. Its dual mechanical arms with five flexible joints allow effortless positioning for capturing documents, books, 3D objects, and close-up details from various angles.

Seamlessly compatible with popular conferencing and e-learning platforms like Zoom, Microsoft Teams, and Google Meet, the Document Camera enables live demonstrations, real-time annotations, and high-quality recordings. Whether used for classroom teaching, business presentations, or online training, it offers unmatched flexibility, portability, and professional-grade performance.

Key Features

- **Simple Plug-and-Play Setup** – Operates via a single USB cable for both data transfer and power, eliminating the need for external adapters.

- **Dual Mechanical Arms with Flexible Joints** – Allows precise positioning at multiple angles and heights for versatile viewing and capturing.

- **Foldable & Portable** – Lightweight, collapsible design for easy carrying and storage, ideal for classrooms, offices, and remote work.

- **High-Resolution Imaging** – 8MP auto-focus camera delivers ultra-HD still images and smooth video streaming.

- **Wide Capture Area** – Supports up to A3-size documents, books, and 3D objects for comprehensive coverage.

- **Full HD Video Recording** – Records 1080p HD video with synchronized audio from the built-in microphone.

- **Image Adjustment Functions** – Includes zoom, brightness, contrast, rotation, and freeze-frame controls for optimal presentation quality.

- **Multiple Viewing Modes** – Switch between document view, macro close-up, and 3D object capture modes.

- **Multi-Platform Compatibility** – Works seamlessly with Windows, macOS, and ChromeOS devices.

- **LED Lighting** – Built-in adjustable LED light for clear image capture in low-light conditions.

- **Recording & Snapshot Functions** – Save still images and video recordings directly to the connected computer.

Technical Parameter

Specification	Details
Sensor	1/3.2" CMOS
Image Resolution	8.0 Megapixels (3256 × 2440)
Frame Rate	Up to 30 fps
Digital Zoom	Up to 100×
Lens	F = 2.8
Shooting Area	Max. A3 (420 × 297 mm)
Illumination System	Fill-in lighting with 11 LED lights
Microphone	Built-in
Focus Mode	Auto-focus
Interface	Mini USB
Language Support	Chinese, English, Spanish, German, Korean, French, Italian, Dutch, and others (OEM)
System Compatibility	macOS, ChromeOS, Windows XP and above
Software Functions	Division, Snapshot, Recording, Browser, Picture-in-Picture (PIP), Annotation, Magnifier, Zoom In/Out, Rotate, Mirror, Freeze
Dimensions (H × W × D)	280 × 115 × 330 mm (11.02" × 4.52" × 12.99")
Power Supply	USB-powered via Mini USB
Compliance	CE, FCC, RoHS
Package Content	Document Camera – Main unit; Location Soft Pad – Protective base pad; USB Cable – For power and data; User Manual – Quick start and instructions; Software CD – Driver and application software.
Operating Temperature	0°C to +50°C
Storage Temperature	-20°C to +60°C
Operating Humidity	20% to 80% RH (non-condensing)