



IQView B3821

4K Wireless Document Camera
with Optical Zoom



IQView **B3821** is a portable, wireless document camera designed for today's dynamic classrooms and training environments. Featuring 4K ultra HD resolution, 10x optical zoom, and Wi-Fi connectivity, it empowers educators to deliver interactive and detailed lessons anytime, anywhere—without cables or limitations.



4K Camera



10x Optical Zoom
16x Digital Zoom



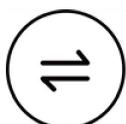
Integrated
Rechargeable Battery



Wi-Fi Connectivity



Enterprise-Grade
Security



Matrix Switch



Folding Design



HDMI&USB
Dual Stream



A3 Shooting Area



Built-in Mic

Features

4K Camera & 10x Optical Zoom

The 13MP camera delivers ultra-clear 4K video, and the 10x optical + 16x digital zoom reveals intricate details with unmatched precision—perfect for showcasing textbooks, scientific specimens, or fine art in classrooms, labs, and museums.



Wi-Fi Connectivity

Supports 802.11ac dual-band Wi-Fi (2.4GHz & 5GHz) for fast, stable, and interference-free wireless access. Ideal for flexible classroom layouts, mobile carts, or temporary setups where wired networks aren't practical—giving educators true freedom to move and teach anywhere.

Enterprise-Grade Security

Integrates seamlessly into school IT systems with WPA2 Enterprise encryption, including EAP-PEAP and GTC authentication. Keeps students' and educators' data secure across campus-wide networks while supporting institution-level access control.



Rechargeable Internal Battery

The built-in battery powers up to 5 hours of uninterrupted operation, enabling cable-free lessons, outdoor use, and presentations in non-traditional or pop-up teaching locations.

Interactive Whiteboard Access

Access whiteboard tools by connecting an HDMI display and USB mouse, or wirelessly via Wi-Fi through PC with IQView software—ideal for live annotations during science experiments, problem-solving, or collaborative classroom discussions without needing physical connections.



Extra Large Coverage

A3 shooting area with a 90° rotating lens allows you to present oversized documents, artwork, or hands-on experiments from multiple angles—ideal for STEM activities, design classes, and real-time demonstrations.



Easy Connectivity for Display

Plug-and-play HDMI, USB, and VGA outputs connect effortlessly to interactive flat panels, projectors, and computers—making it simple to integrate into any AV classroom or meeting space.

Dual Image Output

Display dual images simultaneously, enabling dynamic side-by-side comparisons or content sharing across separate screens—perfect for hybrid teaching or comparing student work with reference materials.



Matrix Switch

Quickly switch between live video, digital courseware, and connected media with the built-in matrix switch module—helping educators fluidly transition between content types in fast-paced teaching environments.

Extremely Compact Design

Fully foldable with multi-angle shooting support, the B3821 is lightweight and space-saving—easy to store in classrooms with limited space or move between different rooms and campuses.



Specifications

Model	B3821
Resolution	13MP
Sensor Pixel	1/2.8" Sony CMOS
Frame Rate	30fps
Zoom	10x Optical Zoom 16x Digital Zoom
Focus	Auto / Manual

Shooting Range	A3
Device Structure	Foldable, supports multi-angle shooting, lens rotates 90° left and right
HDMI Output	4K, 1080P
VGA Output	1080P
Record Output	3840×2160P@20fps (max), 1080P@30fps
USB Output	3840×2160@15fps, 1080P@30fps
Image Adjustment	Brightness, Sharpness, Contrast, Saturation
Image Effects	Freeze, Mirror, B&W/Color, Text, Image, On-Screen Contrast, Picture-in-Picture
LED Light	3-level adjustable
Interfaces	VGA (Output×1), HDMI (Input×1 & Output×1), USB, USB Mouse, USB Storage
TF Card Storage	Supports up to 32GB
Native Annotation (by mouse operation)	Real-time annotation, auto focus, zoom in, zoom out, photo, video, video playback, on-screen comparison, picture-in-picture, freeze, title freeze, rotate, image, text and other functions
Control Buttons	Power, Switch, Rotate, Light, Zoom In/Out, Brightness Up/Down, AF
Remote Control	Yes
Microphone	Built-in
Power Supply	DC 12V
Size	Folded: 373.5×110×160 mm Expanded: 448×385×160 mm
Weight	2.8kg
Battery	Rechargeable internal battery (up to 5 hours continuous use)
Wi-Fi Connectivity	802.11ac, 2.4GHz & 5GHz; supports WPA2-PSK and WPA2 Enterprise (EAP-PEAP, GTC)
Software	IQView Software

*Specifications are subject to change without notice. *All dimensions±1cm.

For better interaction, we suggest you using IQView B3821 together with:

Hardware



IQTouch

Software



IQView software

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