



Camera 446A

The Camera 446A from Dukane brings a whole new perspective to the classroom. This digital gooseneck camera shows documents and 3D objects in amazing clarity. By connecting the Camera 446A to a projector or other large display device you no longer have students crowded around a table trying to get a glimpse of the material being presented. High definition output via HDMI means superior image quality and optical zoom means outstanding detail. Capture still images and videos with audio to the internal memory or to a USB Flash file which can be easily removed for sharing. The flexible design and small footprint make the Camera 446A an excellent choice for any classroom.



Input/output ports



Controls on base

Features

- High Resolution XGA, SXGA, WXGA, and 1080p
- HDMI Digital Output & Input
- 20x Zoom, 12x Digital Zoom, 10x Optical Zoom
- Built in Microphone
- Image Capture, Video/Audio Recording and Playback
- LED Illumination
- Internal Memory and USB Flash Drive Port
- USB Connection Capability
- Compatible with All Interactive Whiteboards
- New B-Works2™ Software Included
- 5 Year Warranty

DUKANE CORP

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| Imaging | |
|--|---|
| Full screen Video/audio recording and playback | |
| Output Resolution | XGA (1024 x 768), SXGA (1280 x 1024), WXGA (1280 x 800), 1080p (1920 x 1080) |
| Frame Rate | VGA (SXGA - 1080p) - 30 fps; USB - 30 fps |
| Zoom Capacity | 2x pixel zoom and 12x digital zoom, 20x, Optical 10x |
| Capture Area | 18" x 12.5" (357.2 x 317.5 mm) |
| Lighting | |
| Lamp Type | 2 LED lamps for completely even light coverage, (one in camera head) |
| Input/Output | |
| Power Supply | Built-in, 100-240 VAC, auto switching |
| Digital Out HDMI | XGA/SXGA/WXGA/1080p |
| Digital In HDMI | Active pass through |
| VGA In | Active pass through from the computer |
| VGA Out | VGA output to the projector |
| Audio In | Built-in microphone |
| Audio Out | 3.5mm phone jack for earphones or speakers |
| Internal Memory Capacity | Up to 120 JPEG images |
| External Memory Capacity | USB Flash Drive |
| USB Support | USB 2.0 High Speed (up to 480 Mbps) for seamless integration with interactive whiteboards |
| RS-232 | Yes |
| C-Video | RCA Jack (PAL, NTSC) |
| Software | |
| B-Works2™ Software Included | Supports PC Windows 8, 7, XP, Vista and Mac OSX. (Free download from Dukane website.) |
| Video Recording with Audio | Record video with various compression formats. Playback with audio out- No PC needed. |
| Image Capture | Single or continuous capture of JPEG images. |
| Annotation | Add annotations directly to live image. |
| Controls and Operations | Same set of controls as the remote control |
| USB Driver | Supports UVC, WIA and TWAIN for integration with interactive whiteboards including Promethean™, SMART™, Hitachi Starboard™, Mimio™, and others. |
| Accessories | |
| Standard | Power cable, VGA cable, USB cable, Microscope adapter, Audio Cable, Remote Control |
| UPC | 605194006632 |
| Optional | RS232 Adapter |

| 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 |
| Image Capture | Single capturing of images to built-in memory, or to a computer via USB, or USB Flash Drive |
| Video Recording | One-touch, Video recording and playback with audio from built-in microphone |
| Picture In Picture (PIP) | Yes |
| Freeze | Yes |
| Slide Show | Automatically or manually |
| Image Rotation | Full screen image rotation from 0 to 180 degrees, flip, mirror |
| Annotation | Yes, annotation with B-Works2™ Software |
| Spotlight | Yes |
| Low Light Mode | Yes |
| Pan Across the Screen | Enlarged any part of the image and pan it by using the arrow keys. |
| Mask | Yes |
| Projector Type | Yes, supports both LCD and DLP projectors |
| Volume control | Yes, via remote or OSD (on Screen Display) |
| 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" |
| Other | |
| Weight | 5.0 lbs (2.3kg), Ship: 8.0 lbs |
| Dimensions Operating | 11' x 6" x 11" (279 x 152.4 x 279 mm) (L x W x H) |
| Dimensions Folded | 7" x 6" x 11" (177.8 x 152.4 x 279 mm) (L x W x H), Ship: 15" x 12" x 7" |
| Warranty | 5 Years (includes lamps) |
| Compliance | |
| Standards | FCC-EMI, cUL, CE-EMC, CE-LVD, RoHS, and WEEE |

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