



ELECTRONIC GROUP, INC
480-635-8400 p * aegis-g2@aegiselect.com
<http://www.aegis-elec.com>

CV503-U3

USB3.0 Miniature POV Camera

The Marshall CV503-U3 is a straight forward USB3.0 HD camera with interchangeable lenses, software agnostic interface for use with any soft codec, universal command settings with UVC1.5 and offers simple plug-and-play connectivity to any Mac, PC, Laptop or Linux system. Using a high-performance 2.5-Megapixel HD sensor offers peak performance in dynamic light environments.

Lens Flexibility

CV503-U3 arrives with a wide angle 2.8mm lens producing roughly 90° horizontal angle-of-view. Choose from a variety of Focal Length and aperture options to achieve a custom AOV (angle-of-view) for your personal huddle space, streaming studio, workspace, live event venue or collaboration area. Interchangeable lenses provide unprecedented customization and personal design control.



Software Agnostic

Marshall's USB cameras use common capture device drivers already present on your laptop or computer, so no additional drivers necessary that track and change your video capture settings. CV503-U3 is software agnostic, so feel free to use any video conference, streaming, video chat or computer video capture soft codecs on the market today.

Durable and Secure

CV503-U3 is built with same durable body as other Marshall miniature POV cameras with rear connector protection wings on back panel. CV503-U3 ships with a locking six-foot USB3.0 cable, so USB cable can't be pulled out during video streaming or collaboration.

Miniature Broadcast Quality

CV503-U3 cameras use same sensor and processors as other Marshall Broadcast POV cameras such as CV503, CV506, CV566, CV344, CV346 commonly used in professional broadcast production, television production, sportscast, newscast, live concert events, and a variety of other professional broadcast quality applications. These cameras have same adjustable broadcast features such as White Balance, Black Levels, Exposure, Gain, Gamma, and many more.

Spec Chart

| | | |
|--------------------------------------|--------------------------|--|
| Sensor | Image Sensor | 1/2.8" Progressive CMOS (Approx. 2.5 Megapixel) |
| | Scanning System | 16:9 Progressive |
| | Sync. System | Internal |
| | Effective Pixel | 1920(H) x 1080(V) |
| | Min. Illumination | 0.2 Lux (Day) |
| Video | USB 3.0 | Available resolutions and frame-rates: 1920x1080p @ 60/59.94/50/30/29.97/25fps 1920x1080i @ 60/59.94/50fps 1280x720p @ 60/59.94/50/30/29.97/25fps |
| | | |
| | | |
| | | |
| Optics | Lens | 2.8mm (90°AOV) standard with ability to change |
| UVC1.5 | Variable Settings Adjust | White Balance, Exposure, Brightness, Contrast, Saturation, Hue, Gamma, Sharpness |
| | Power Line Frequency | 50Hz/60Hz (Anti Flicker) |
| General | Operation Temperature | -10°C ~ 50°C |
| | Power Input | Over USB |
| | Dimensions (W x H x D) | 44 x 46.5 x 47.95mm (without lens) 1.73 x 1.83 x 1.89 in. (Without lens) |
| | | |
| | Weight (Net) | Approx. 0.23 lbs (without lens) / 0.24 lb (with lens) |
| Hardware Requirements | CPU | i3 or higher |
| | GPU | Core speed of 1500Mhz or higher |
| | RAM | 4GB or higher |
| Operating System Requirements | OS | Windows 7 or higher |
| | macOS | X 10.8 or higher |

CV503-U3 Applications:

Custom Huddle rooms, Video Chat Applications, Web Conferences, Studio Collaboration, Video Meetings, Unified Communications and Collaboration (UCC), Podcasting, Web Streaming, Gaming