



The VisionMedHD is a new class of HDMI/USB camera. With the options of working standalone with an HDMI monitor or television, and as a computer-driven USB camera, it offers great flexibility. The HDMI interface provides a 1080p live view with on-screen imaging controls for capturing photos up to 3.5MP, and 720p video onto Micro SD media (cards sold separately). The USB port can be used for power only with the included AC adapter, or for computer-connectivity. While the camera is designed primarily to be used as a standalone imaging device,

The camera uses a standard C-mount interface for microscopes and lenses. For use with 23mm-30.5mm photo-ports or ocular-ports, an optional 0.37X reduction lens would be ideal.

Specifications:

- Working Distance 30mm to 145mm
- Maximum Field-of-view: 10.2mm x 7mm @ 2304x1536
- Camera Sensor: Aptina AR0330
- Sensor Type: CMOS
- Sensor Resolution: 3.5MP (2304 x 1536)
- Sensor Size: 1/3" class -- 5.07mm(w) x 3.38mm(h), 6.09mm(diag)
- Pixel Size: 2.2µm
- Dynamic Range: 69.5dB
- Signal Noise Ratio: 39dB
- Light Spectrum Response: 380nm to 650nm
- HDMI Output: 1920x1080i60, 1920x1080p30,
- Image Capture: 2304x1536, 2304x1296, 1920x1080,
- Image Format: JPEG
- Video Capture: 1280x720
- Video Format: MOV
- Software Interface: DirectShow
- Storage: Micro SD Card (TF) max 64GB
- Power: 5V 500mA (USB)



Contents:

- One camera
- One HDMI cable
- One USB cable
- One AC/USB power adapter

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