


# EVOCAM AURA

## 4K ULTRA HD DIGITAL MICROSCOPE

EVO Cam AURA combines 4K image quality with integrated tools for accurate, repeatable and efficient workflows.

Focus stacking, image comparison, customisable presets, annotations and measurement tools are all built in, keeping results consistent across operators, shifts and sites.

Three models are available to suit different working environments. Secure variants are also available for restricted areas where wireless connectivity or internal storage is not permitted.

### Key features

1. **See details clearly**: Improve product quality and accurate reporting with high-quality, high-resolution images.
2. **Confidence in quality procedures**: Keep your results consistent, accurate and repeatable, and at every step of your quality procedure.
3. **Ease and efficiency of use**: Efficient, user-configurable set-ups and integrated productivity tools increase production yield.
4. **Fit the system to your environment**: Configure your system with a choice of control interfaces, lens options, lighting, stands and connectivity.

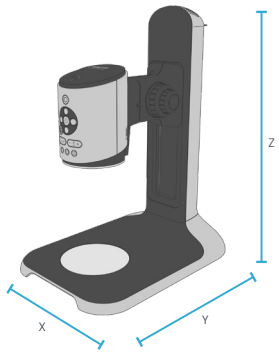
### Proprietory Software

- Intuitive control
- Control from within the software
- Status bar visible across top of the interface
- Presets and Supervisor Mode for consistency
- Save and share.

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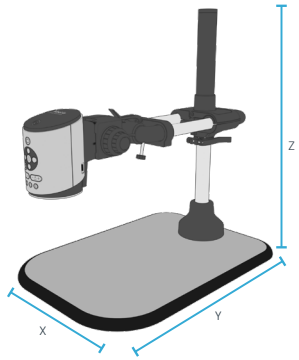
## Features

| | |
|---|---|
| **Focus** | Auto, Manual, Selectable spot |
| **Exposure** | Auto, Shutter priority, Aperture priority, Manual, Selectable spot |
| **Zoom** | Zoom, Set zoom limits, Zoom to |
| **Image control** | Auto monitor size detection, Auto lens detection, Focus stacking, Contrast enhancement, Gamma control, Visibility enhancer, Infra-red, Black & white, White balance |
| **Process control** | 10 Configurable presets, Supervisor mode, Customisable system name, Time stamp, Scale bar, Image info, PDF Viewer |
| **Image comparison** | Curtain, Pulse, 2nd Screen, Source image matching |
| **Annotation** | Text, Circle, Ellipse, Square, Rectangle, Line, Arrow, Auto label |
| **Measurement** | Digital calliper, Circle, Ellipse, Square, Rectangle, Line, Arrow, Multiple calibration points |
| **Connectivity** | Hotspot, WiFi, LAN*, USB3*, Network streaming, Cloud streaming. *- accessory required |
| **File format** | PNG, JPEG, PDF |
| **Lighting control** | Auto lighting detection, Level, Quadrant selection |
| **Languages** | English, Français, Deutsch, Español, Italiano, Português, 中文, 日本語, 한국어 |



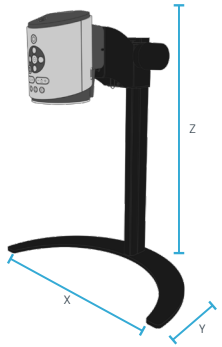

### Ergo Stand

X: 280 mm Y: 415 mm Z: 512 mm



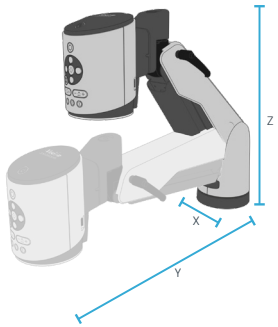

### Multi-Axis Stand

X: 450 mm Y: 686 mm Z: 665 mm




### Crescent Stand

X: 500 mm Y: 327 mm Z:575 mm




### Verso Stand

X: 139 mm Y: 565 mm max Z: 454 mm

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## Camera Specifications

| | 4k Touch | 4k Button | HD Button |
|---|---|---|---|
| **Sensor type** | CMOS | | CMOS |
| **Sensor size** | 1/2.5" | | 1/2.8" |
| **Output resolution** | 4K (3840 x 2160) | | FHD (1920 x 1080) |
| **Frame Rate** | 30 fps | | 60 fps |
| **Aspect Ratio** | 16:9 | | 16:9 |
| **Optical Zoom** | 20x | | 30x |
| **Digital Zoom** | 12x | | 12x |

## Physical Specifications

| | 4k Touch | 4k Button | HD Button |
|---|---|---|---|
| **Dimensions** | | 12.5 x 17.3 x 14.5 cm | |
| **Weight** | 1.41 Kg | 1.45 Kg | 1.34 Kg |
| **HDMI Ports** | | 2 | |
| **USB-A Ports** | | 3 | |
| **USB-B Ports** | | 1 | |
| **ULM Ports** | | 2 | |
| **IP Rating** | | IP20 | |
| **Input Voltage** | | +24V | |

## Optical Specifications

| 4K Touch & 4K Button | | | | | |
|---|---|---|---|---|---|
| | At Minimum Zoom | | At Maximum Zoom | | |
| **Objective Lens** | **Magnification** | **Horizontal FOV** | **Magnification** | **Horizontal FOV** | **Working Distance** |
| ×0.45 | 2.07 × | 272 mm | 41.38 × | 14 mm | 161.8 mm |
| ×0.62 | 2.85 × | 195 mm | 57.02 × | 10.5 mm | 108.3 mm |
| ×1.0 | 4.6 × | 95 mm | 91.96 × | 6.5 mm | 80.6 mm |
| ×1.5 | 6.9 × | 47 mm | 137.94 × | 4.3 mm | 42.5 mm |
| ×2.0 | 9.2 × | 39 mm | 183.92 × | 3.2 mm | 29.4 mm |
| Oblique & Direct Viewer | 4.6 × | 45 mm | 91.96 × | 6.9 mm | 32 mm |

## Optical Specifications

| HD Button | | | | | |
|---|---|---|---|---|---|
| | At Minimum Zoom | | At Maximum Zoom | | |
| **Objective Lens** | **Magnification** | **Horizontal FOV** | **Magnification** | **Horizontal FOV** | **Working Distance** |
| ×0.45 | 2.47 × | 232 mm | 74.2 × | 7.8 mm | 161.8 mm |
| ×0.62 | 3.41 × | 167 mm | 102.24 × | 5.7 mm | 108.3 mm |
| ×1.0 | 5.5 × | 86 mm | 164.9 × | 4.6 mm | 80.6 mm |
| ×1.5 | 8.24 × | 44 mm | 247.35 × | 2.4 mm | 42.5 mm |
| ×2.0 | 10.99 × | 36 mm | 329.8 × | 1.8 mm | 29.4 mm |
| Oblique & Direct Viewer | 5.5 × | 42 mm | 164.9 × | 3.6 mm | 32 mm |

* Based on a 27"-inch monitor

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