

# EVO CAM ICON

# POWERFUL – FLEXIBLE – INTUITIVE

Vision Engineering's EVO Cam ICON digital microscope offers outstanding value as a versatile, easy-to-use imaging solution that delivers uncompromising optical performance.

## Excellent image quality

- EVO Cam ICON'S wide range of precision objectives and wide-field lenses give you the flexibility to customize your magnification requirements.
- Zero video latency allows for real-time viewing without video delay.
- Two focus and exposure modes (auto and manual) lets you control how to view the details.
- The camera control panel gives you the power to enhance the image by adjusting brightness levels, white balance, illumination, noise reduction, and exposure.

## Performance enhancing tools

- With a 30:1 zoom ratio, you can achieve magnifications ranging from 10x to 300x using just one objective lens
- View more of your subject with ease with up to 660mm viewing area.
- Store your frequently used camera settings and calibrations by creating up to ten presets.
- No PC is required. Easily capture and share images directly to a USB memory stick, direct or wirelessly to a PC.
- Perform simple measurements with EVO CAM ICON's digital caliper or scaled grid.

EVO Cam ICON – powerful, flexible and easy to use –  
all the tools you need to simply and quickly achieve your inspection goals.

**30x  
zoom**

Large zoom  
range



Outstanding  
image quality



WiFi image  
transfer



Import, export  
settings



On-board  
measurement

**10  
presets**

Quick access  
settings

# EVO CAM ICON ————— TECHNICAL INFORMATION

Objective lens	Magnification zoom range*	Working distance	Field of view at min.zoom	Field of view at max.zoom
0.45x	2.3x - 68x	6.30" (160 mm)	9.48" X 5.27" (241 mm x 134 mm)	0.31" X 0.17" (7.8 mm x 4.2 mm)
0.62x	3.1x - 93.7x	4.17" (106 mm)	6.81" x 3.78" (173 mm x 96 mm)	0.22" x 0.12" (5.5 mm x 3.1 mm)
1.0x	5x - 151.2x	3.35" (82 mm)	3.46" x 2.24" (88 mm x 57 mm)	0.14" x 0.08" (3.5 mm x 2 mm)
1.5x	7.6x - 226.8x	1.69" (43 mm)	1.77" x 1.41" (45 mm x 36 mm)	0.09" X 0.05" (2.3 mm x 1.2 mm)
2.0x	10x - 302.4x	1.14" (29 mm)	1.45" x 1.06" (37 mm x 27 mm)	0.06" x 0.04" (1.5 mm x 1.0 mm)
<b>Wide-field objective lenses</b>				
2 diopter	0.8x - 24x	19.69" (500 mm)	25.98" x 14.56" (660 mm x 370 mm)	0.84" x 0.47" (21.5 mm x 12.0 mm)
3 diopter	1.15x - 32.6x	12.99" (330 mm)	15.35" x 8.85" (390 mm x 225 mm)	0.57" x 0.33" (14.7 mm x 8.4 mm)
4 diopter	1.71x - 51.41x	9.65" (245 mm)	11.53" x 6.73" (293 mm x 171 mm)	0.39" x 0.22" (10 mm x 5.5 mm)
5 diopter	2.12x - 65.5x	7.76" (197 mm)	9.13" x 5.31" (232 mm x 135 mm)	0.31" X 0.18" (8 mm x 4.5 mm)
<b>Micro objective lenses</b>				
5x	250x - 378x	0.83" (21 mm)	0.08" x 0.05" (2.2 mm x 1.3 mm)	0.05" x 0.03" (1.4 mm x 0.8 mm)
10x	500x - 756x	0.83" (21 mm)	0.04" x 0.02" (1.1 mm x 0.65 mm)	0.02" x 0.01" (0.7 mm x 0.4 mm)

\*Using a 24 inch screen

## SOFTWARE

	DimensionOne	DimensionTwo	ViPlus
Image capture	✓	✓	✓
Annotation	✓	✓	✓
On screen measurement	✓	✓	✓
Overlays			✓
Reporting	✓	✓	✓
Advanced functions			✓
Focus stacking			✓
Edge detection		✓	✓
Shape detection			✓

## ILLUMINATION OPTIONS

Illumination – get the right light for the right task

Better control of your lighting gives better control of your results.

- Episcopic (EPI) illuminator
- Substage illumination
- Ultra Violet ring-light
- Light Filters



## STAND OPTIONS



## PREMIUM STAND OPTIONS



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