



## Embedded USB Camera

The most recommended embedded USB camera for you to get excellent images without a trinocular head. Observe images on the monitor and eyepiece simultaneously without switching the optical path.



### Features & Benefits

- USB high speed video transmission up to 30 fps at 8.3 megapixel
- Excellent auto white balance and color reduction
- Driver-free installation and plug and play, no fear of system upgrade and reinstallation
- Embedded 50%/50% light splitting design without damaging the original optical system
- Built-in high power reduction lens for large field of view
- Precise and simple focus of screw rod to realize eyepiece-to-monitor synchronization
- Easy-to-use Pixit Pro software with measurement and image processing tools

## Specifications

Camera model	HC4K	HC4K-BX	HC4K-N	HC4K-NK	HC4K-L
Applicable microscope	Olympus CX series	Olympus BX series	Nikon E series	Nikon Ci/Ni series	Leica DM series
Coupler type	Dovetail groove of corresponding microscope				
Resolution	8.0 MP (3840x2160)				
Sensor type	SONY IMX334 CMOS				
Shutter type	Electronic rolling shutter				
Sensor size	1/1,8"				
Pixel size	2.0 $\mu$ m x 2.0 $\mu$ m				
Dynamic range	72dB (Non-HDR mode)				
SNR	$\geq$ 56dB				
Spectral response	380~650nm				
Exposure	3.9ms~320ms, Automatic & Manual				
White balance	Realtime Automatic, Single Automatic, Manual				
Frame rate	30fps @ 3840x2160, 2592x1944, 1920x1080, 1024x768, 640x480				
Record format	Image capture format: JPG, BMP, PNG, TIFF, PDF Resolution: 3840x2160, 2592x1944, 1920x1080, 1024x768, 640x480 Video record format: MJPG format AVI file Resolution: 1920x1080, 1024x768, 640x480				
HDMI output	Automatically adapt to monitor, Max.: 3840x2160 P60Hz				

\* Model HC4K-Ei for Nikon Ei Microscope is available.

\* Model HC4K-Z for Zeiss Primo Star microscope will be available from March, 2021.

## Dimensions

