



All-in-one Smart Camera

All-in-one smart camera equipped with 4K ultra-high-definition display. More than you can get from a microscope camera.



Features & Benefits

- Work seamlessly with a wide range of computing and mobile devices running most major operating systems, from Windows to iOS, and Android
- 15.6-inch full color gamut 4K UHD display ensures excellent image quality
- Come with imaging APP, automatically display live images after power on
- 32GB built-in RAM, support U-disk storage for picture and video
- USB interface for wireless keyboard and mouse, easy to input and operate the system
- Mobile devices access the system by scanning the exclusive QR code
- Connect to PC through WiFi, and 1080P HDMI output to display, TV and projector

Specifications

Camera model	JX800-O	JX800-N	JX800-L	JX800-Z
microscope	Olympus CX series, BX series	Nikon E series, Ci/Ni series	Leica DM series	Zeiss Primo Star
Coupler type	Dovetail groove of corresponding microscope or C Mount			
Resolution	8.0 MP (3840x2160)			
Sensor type	SONY IMX334 CMOS			
Shutter type	Electronic rolling shutter			
Sensor size	1/1.8"			
Pixel size	2.0μm x 2.0μm			
Dynamic range	> 80dB			
SNR	≥ 50dB			
Spectral response	380~650nm			
Exposure	3.9ms~320ms, Automatic, Manual			
White balance	Real-time Automatic, Manual			
Frame rate	25fps @ 3840x2160			
Record format	Image capture format: JPG; Resolution: 3840x2160 Video record format: MP4 file; Resolution: 1920x1080@25fps			
HDMI output	Automatically adapt to monitor, Max.: 3840x2160 P60Hz			
WiFi protocol	5G WiFi IEEE 802.11ac			
Working frequency	5.180~5.825GHz			

Camera model	JX1200-O	JX1200-N	JX1200-L	JX1200-Z
Applicable microscope	Olympus CX series, BX series	Nikon E series, Ci/Ni series	Leica DM series	Zeiss Primo Star
Coupler type	Dovetail groove for corresponding microscope, or C Mount			
Resolution	12 MP (4000x3000)			
Sensor type	Sony IMX412 CMOS			
Shutter type	Electronic rolling shutter			
Sensor size	1/2.3"			
Pixel size	1.55μm x 1.55μm			
Dynamic range	TBD			
SNR	TBD			
Spectral response	380~650nm			
Exposure	Real-time Automatic, Manual			
White balance	Real-time Automatic, Manual			
Frame rate	25fps @ 3840x2160; 15fps @ 4000x3000			
Record format	Image capture format: JPG; Resolution: 4000x3000, 3840x2160, 2592x1944, 1920x1080 Video record format: MOV; Resolution: 1920x1080 @ 25fps			
HDMI output	Automatically adapt to monitor, Max.: 840x2160 P30			
Wi-Fi protocol	5G WiFi IEEE 802.11ac			
Working frequency	5.180~5.825GHz			

* For C Mount type, the models of camera are JX800 and JX500.

Two-axis adjustment, excellent vision, convenient storage

