

BUC5H Series USB3.0 Digital camera



BUC5H series USB3.0 digital cameras use Sony sensor, the software has real-time image stitching & depth-of-field fusion function, BUC5H-500C has global shutter, BUC5H-2000C has 1-inch sensor. The BUC5H series cameras can be widely used with bright field, dark field, polarizing, fluorescent microscopes and normal microscope image capture and analysis with high frame rate.

Specification

Model	BUC5H-500C	BUC5H-600C	BUC5H-2000C
Shutter Mode	Global	Rolling	Rolling
Sensor Model	IMX264LQR-C	IMX178LQJ-C	IMX183CQJ-J
Sensor Type	CMOS 2/3" Color	CMOS 1/1.8" Color	CMOS 1" Color
Pixel Size	3.45x3.45(μm)	2.4x2.4(μm)	2.4x2.4(μm)
Resolution	2448(H)x2048(V)	3072(H)x2048(V)	5472(H)x3648(V)
Frame Rate	35fps(2448x2048) 35fps(1224x1024 2x2bin) 88fps(1224x1024)	41fps(3072x2048) 41fps(1536x1024 2x2bin)	15fps(5472x3648) 53fps(2736x1824 2x2bin) 67fps(1824x1216 3x3bin)
Color Temperature	2000-15000K		
Picture Format	JPG/PNG/TIFF		
Interface	Data Interface: USB3.0, Optical Interface: Standard C-Mount		
Multiple Cameras	Supports 4 Cameras Simultaneously in SDK		
PC Software	Capture V2.0		
Operating System	Windows is supported and Linux/Mac is under development		
PC Configuration	CPU: Intel Core i5 or better(Quad or more Core); RAM: 8G or more, OS: Windows 7/8/10 64bit		
Size & Weight	Size: 68x68x46mm Weight: 330g		

Sample Image

