

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 | | |

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| 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

