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# Moticam **1**

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| <b>Sensor Type</b>                     | CMOS   |
| <b>Sensor Size</b>                     | 1/2.9"   |
| <b>Resolution</b>                      | 1 MP   |
| <b>Imaging Area</b>                    | 5.51mm x 3.10mm  |
| <b>Live Display Mode (through USB)</b> | 1280 x 720 @ 30 fps*   |
| <b>Pixel Size</b>                      | 4.20µm x 4.20µm  |
| <b>Scan Mode</b>                       | Progressive  |
| <b>Data Transfer</b>                   | USB 2.0  |
| <b>Operating Temperature</b>           | From -30 to +80 Degrees Celsius non condensing   |
| <b>Max. Signal to Noise Ratio</b>      | 41.9dB   |
| <b>Dynamic Range</b>                   | 64.8dB   |
| <b>Sensitivity</b>                     | 4,6V/Lux-sec (550nm)   |
| <b>Support Device</b>                  | Twain and Direct Show Driver   |
| <b>Supported OS</b>                    | Microsoft Windows 7/8/10 and MAC OSX & Linux   |
| <b>Minimum Computer Requirements</b>   | 2GHz multicore – RAM memory 2GB – Video memory min. 512 MB   |
| <b>Lens Mount</b>                      | C-Mount  |
| <b>Focusable Lens</b>                  | 12mm   |
| <b>Power supply</b>                    | 5V (USB - supply)  |
| <b>Package Includes</b>                | CS Ring Adaptor, Focusable Lens, 30mm and 38mm Eyepiece Adapters, USB 2.0 Cable, Calibration Slide, Macro Tube, Motic Images Plus 3.0 for PC/OSX/Linux |

*\*frames per second under optimal illumination conditions*