



Specification  
Sheet

**Motic®**  
MORE THAN MICROSCOPY

MOTICAM A Series

# MOTICAM A2





## MOTICAM A Series

### MOTICAM A2

|                                      |                                                                                                                                                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sensor type</b>                   | sCMOS                                                                                                                                                           |
| <b>Sensor size</b>                   | 1/3.1"                                                                                                                                                          |
| <b>Imaging area</b>                  | 5.95mm (Diagonal)                                                                                                                                               |
| <b>Capture resolution</b>            | 2MP                                                                                                                                                             |
| <b>Live display mode through USB</b> | 1920x1080, 1280x720 pixels                                                                                                                                      |
| <b>Pixel size</b>                    | 2.7x2.7µm                                                                                                                                                       |
| <b>Scan mode</b>                     | Progressive                                                                                                                                                     |
| <b>Shutter Mode</b>                  | Rolling Shutter                                                                                                                                                 |
| <b>Data transfer</b>                 | USB 2.0                                                                                                                                                         |
| <b>Max. frames per second (fps)</b>  | 1920x1080 @ 30 fps, 1280x720 @ 30 fps (*)                                                                                                                       |
| <b>Operating temperature</b>         | From -10 to +60 Degrees Celsius non condensing                                                                                                                  |
| <b>Sensitivity</b>                   | >2000mV                                                                                                                                                         |
| <b>Support device</b>                | TWAIN, SDK and Direct Show Driver                                                                                                                               |
| <b>Supported OS</b>                  | Microsoft Windows 7/8/10, MAC OSX10.9, Linux UBUNTU1604 or higher                                                                                               |
| <b>Minimum computer requirements</b> | 2GHz dualcore - RAM memory 2GB                                                                                                                                  |
| <b>Lens mount</b>                    | C-Mount                                                                                                                                                         |
| <b>Focusable lens</b>                | 12mm                                                                                                                                                            |
| <b>Software</b>                      | MotiConnect for Windows 10, MAC OSX10.9 or higher (download only)                                                                                               |
| <b>Functions</b>                     | Still image and video capture, still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system. |
| <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, Motic 4-dot calibration slide, macro tube, Calibration card                    |

\*Frames per second under optimal lighting conditions and in compliance with computer technical requirements.