

MOTICAM Series

MOTICAM 1080 BMH





MOTICAM Series - FULL HD Cameras

MOTICAM 1080 BMH

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|---|--|
| Sensor type | CMOS |
| Sensor size | 1/2.8" |
| Imaging area | 5,346mm x 3,003mm |
| Capture resolution | Still Image: 8.0MP (3840 x 2160) Video: Full HD (1920 x 1080p) |
| Live display mode (through USB) | 1920 x 1080 (Full HD) |
| Live display mode (through HDMI) | 1920 x 1080 (Full HD) |
| Pixel size | 2.8µm x 2.8µm |
| Scan mode | Progressive |
| Data transfer | HDMI (1080p) and USB 2.0 |
| Max. Frames per second (fps*) | USB: 1920 x 1080 (Full HD) @ 30 fps HDMI: 1920 x 1080 (Full HD) @ 60 fps |
| Exposure time | 0.06ms ~ 40ms with Auto Exposure mode (0.06ms ~ 999ms with Manual Exposure mode) |
| Operating temperature | From -10 to +60 Degrees Celsius non condensing |
| Max. signal to noise ratio | 40dB |
| Dynamic range | 71dB |
| Sensitivity | 0.51V (Typical at 1/30 sec) |
| Slot | SD Card (max 32Gb) |
| Buttons | On / Off |
| Support device | Twain and Direct Show Driver |
| Supported OS | Microsoft Windows XP SP3/Vista/7/8/10 and MAC OSX & Linux |
| Minimum computer requirements | 2GHz dualcore RAM memory 2GB Video memory min. 512 MB |
| Lens mount | C-Mount |
| Screen | 11.6" Native 1920x1080 pixel Full HD Screen with Bracket |
| Software | On-board software Standard tools: still image capture, live image record, zoom in & out, magnifier, ROI, mirror, rotation, split, freeze, cross line, gallery. Image adjustments (AE/AWB): Auto/Manual exposure, gain, target brightness setting, light frequency, Auto/Manual white balance Mode. Advanced settings: saturation, contrast, gamma, sharpness, denoise, user settings, system's time setting, language (English, Chinese and Japanese), capture 2MP/8MP, format SD card. |
| Power supply | 12V (External Power supply) |
| Package includes | HDMI cable, USB 2.0 Cable, Calibration Slide, Universal Power Supply, Motic Images Plus 3.0 for PC/OSX/Linux |