

# FlexCam® 2

910-171-200



## Detailed Specifications (March 2013)

|          |                       |     |   |
|----------|-----------------------|-----|---|
| Camera   | Image Sensor          |     | 3.2 Megapixel CMOS  |
|          | Pixel Count           |     | 2048 x 1536   |
|          | Frame Rate            |     | 30 fps at: 640 x 480, 800 x 600, 1024 x 768<br>15 fps at: 1280 x 1024, 1600 x 1200<br>13 fps at: 2048 x 1536  |
|          | Field of View         |     | 11 x 17 / A3  |
|          | OSD                   | Yes | On Screen Display via the software  |
|          | Output Resolution     |     | HD 1080P  |
|          | Output                | Yes | USB 2.0 to computer for VGA, RGB (DVI, HDMI depending on your computer's configuration)   |
|          | RS232                 | Yes | via Software interface of computer  |
|          | USB                   | Yes | USB 2.0 compliant   |
|          | USB Cable             | Yes | Factory installed 1.8m USB 2.0  |
|          | Operating Temperature |     | 0 -- 50C  |
|          | Head Rotation         | Yes | 170°  |
|          | Lighting              | Yes | 2 High output white LEDs  |
|          | Lux                   |     | >1  |
|          | Power Source          |     | USB   |
|          | Cross Platform OS     | Yes | Windows, Macintosh, LINUX   |
|          | UVC Driverless        | Yes | USB Video Class NO DRIVER required to operate (Advanced features with driver extension)   |
|          | MSI support           | Yes | installation, maintenance, and removal of software via Microsoft server   |
|          | Memory                | Yes | Image / Video via computer memory<br>Image Recording: 400 minimum* average 132,000 images per standard hard drive space of 20GB at 1280 X 1024<br>Video Recording: 8 minutes minimum* OR 4 hours per standard hard drive space of 20 GB at AVI resolution 640 X 480 |
|          | Advance Imaging       | Yes | For Science, Math or Geography Studies to include 3D rendering, measurement of varied angles, counting, Art   |
|          | Average Set up time   |     | less than 5 minutes for 1 – 1,000 units using MSI for Cross platform software installations   |
|          | Free Updates          | Yes | For the life of the product on software and hardware  |
|          | IWB Compliant         | Yes |   |
|          | Viewing Angle         |     | 64.5°   |
|          | Focal Distance        |     | 10mm or higher  |
|          | Goose Neck            | yes | 20" / 51cm memory free surgical flexible neck   |
|          | Lens                  |     | F2.8 coated autofocus   |
|          | Microscope Adapter    | Yes | Included, fits most 28mm compaound microscopes. Optional, PRO adapter (part no. 910-171-230) fits 23mm compound eyepiece tubes & 30mm stereo eyepiece tubes.  |
| Controls | Digital Zoom          | Yes | Controlled by software buttons up to 16x  |
|          | Focus                 | Yes | Auto  |
|          | White Balance         | Yes | Auto or manual controlled by software buttons   |
|          | Color/B&W             | Yes | Black and White controlled by software buttons  |
|          | Gamma Adjustment      | Yes | Auto or manual controlled by software buttons   |
|          | Negative/Positive     | No  | Controlled by software buttons  |
|          | Image Rotation        | Yes | 360° in both directions controlled by software buttons  |
|          | Capture/Freeze        | Yes | Freeze image via software button  |
|          | Audio Recording       | Yes | Built-in mic with multiple quality modes  |
|          | Image Compression     | Yes | MJPEG   |
|          | Annotation            | Yes | Through the software  |



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|--|---------------|-----|---|
|  | Light Control | Yes | Controlled by button on head and through software |
|--|---------------|-----|---|

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|                           |                         |     |  |
|---------------------------|-------------------------|-----|--|
| Applied Vision 4 Software | Full Screen             | Yes | desktop enabled icon and single click software button via software |
|                           | Image Compression       | Yes | JPEG   |
|                           | Split Screen            | Yes | Through the software   |
|                           | Multiple Camera Support | Yes | 2 - 8 running simultaneously                                       |
|                           | Time Lapse Recording    | Yes | Both Image and Video playback                                      |
|                           | Drawing                 | Yes | Multiple pallet tools  |
|                           | Video Playback          | Yes | Through varied programs  |
|                           | Document Orientation    | Yes | Single Click Hardware button                                       |
|                           | Auto Format Image       | Yes | 16:9 format and/or 4:3 format auto or manual select by software    |
|                           | Distance Learning       | Yes | Single Click software button UVC compliant                         |
|                           | Export to MS Office     | Yes | Drop down to MS Word or EXCEL<br>Vector graphics - .svg estension  |
| Other Information         | Size                    |     | H25" 63cm maximum base 8"X8" 20.32cmX20.32X                        |
|                           | Weight                  |     | 4.5lbs 2.04kg  |
|                           | Certifications          |     | UL, CE, FCC, RoHS, ISO -9001                                       |
|                           | Warranty                |     | 5 Years  |

\*Interactive Whiteboard