

SportsCam

POINT & SHOOT High-Speed Camera

The World's First Portable High-Speed Camera Designed For Sports

- Teach proper technique and mechanics by providing immediate slow-motion visual feedback. Verbal feedback is good . . . but seeing is believing!
- Pinpoint strengths and weaknesses in mechanics by eliminating the guesswork.
- Prevent injuries by assessing and teaching proper technique.
- Motivate by setting specific goals and monitoring progress. Visualization and accurately measuring improvement are key components of motivation.
- Identify and measure biomechanical anomalies in patients and athletes.
- Show rehab patients subtle movements in clear, frame-by-frame playback with no blur. Test, measure and analyze mechanical improvements.



Fast. Record up to 500 frames per second and stop the action. Standard camcorders only record at 30 frames per second.

Portable. Convenient built-in battery pack makes the SportsCam ideal for on-field instruction. Forget about heavy battery belts or power adapters.

Easy. Capture thousands of images with the push of a button and instantly review them in slow-motion or frame-by-frame on the large built-in screen. Save them to a Compact Flash card for further detailed analysis.

Connected. Communicate between SportsCam and your laptop through the built-in USB-2.0 port.



Shorten The Learning Curve...

- Coaching & Training
- Conditioning
- Kinematics
- Biomechanics Research
- Gait Analysis
- Rehabilitation

See what you've been missing

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SPECIFICATIONS

| | |
|--------------------------|--|
| MODELS | SportsCam 250 and SportsCam 500 (Monochrome and Color). |
| SENSOR | CMOS array, 8-bit monochrome resolution, 24-bit color resolution. |
| SHUTTER | 1x, 2x, 3x, 4x, 5x, 10x and 20x the recording rate. |
| RECORDING MODES | <p>Manual Begins recording when the record button is pushed. Continues to record and store images in memory until the stop button is pushed.</p> <p>Trigger Begins recording when the record button is pushed. Continues to record and store images in memory until an external trigger signal is received. The adjustable trigger position determines how many frames are stored before and after the trigger signal is received.</p> |
| PLAYBACK MODES | Single step mode plus auto playback at 1, 2, 3, 4, 5, 10, 15, 25, 30, 50, 60, 125 and 250 frames per second, forward and reverse. |
| DISPLAY | Built-in 5" LCD color digital display. |
| OPERATOR CONTROLS | Power On/Off, Function Select/Change, Record, Stop, Download. |
| I/O CONNECTORS | DC Power, USB 2.0 Port, Compact Flash, Trigger-In, Sync-In, Sync-Out, Video-Out. |
| TRIGGER INPUT | Contact closure or standard TTL signal, 3 to 30 VDC. |
| MOUNTS | C-mount lens mount, 1/4-20 tripod mount. |
| POWER SUPPLY | Rechargeable Battery Pack (included) or 110/220 VAC adapter (included). |
| SIZE & WEIGHT | 19cm W x 12cm H x 6cm D; 0.8 kg with Battery Pack. |

| Recording Rate (fps) | Resolution | Standard Memory - 512MB | | Enhanced Memory - 1GB | |
|----------------------|------------|-------------------------|------------|-----------------------|------------|
| | | Total Frames | Time (sec) | Total Frames | Time (sec) |
| 50 | 640 x 480 | 1,746 | 35 | 3,492 | 70 |
| 60 | 640 x 480 | 1,746 | 29 | 3,492 | 58 |
| 125 | 640 x 480 | 1,746 | 14 | 3,492 | 28 |
| 250 | 640 x 480 | 1,746 | 7 | 3,492 | 14 |
| 50 | 640 X 240 | 3,492 | 70 | 6,984 | 140 |
| 60 | 640 X 240 | 3,492 | 58 | 6,984 | 116 |
| 125 | 640 X 240 | 3,492 | 28 | 6,984 | 56 |
| 250 | 640 X 240 | 3,492 | 14 | 6,984 | 28 |
| 500 | 640 X 240 | 3,492 | 7 | 6,984 | 14 |
| 50 | 440 x 330 | 3,694 | 74 | 7,388 | 148 |
| 60 | 440 x 330 | 3,694 | 62 | 7,388 | 123 |
| 125 | 440 x 330 | 3,694 | 30 | 7,388 | 59 |
| 250 | 440 x 330 | 3,694 | 15 | 7,388 | 30 |
| 500 | 440 x 330 | 3,694 | 7 | 7,388 | 15 |
| 50 | 320 x 240 | 6,984 | 140 | 13,968 | 279 |
| 60 | 320 x 240 | 6,984 | 116 | 13,968 | 233 |
| 125 | 320 x 240 | 6,984 | 56 | 13,968 | 112 |
| 250 | 320 x 240 | 6,984 | 28 | 13,968 | 56 |
| 500 | 320 x 240 | 6,984 | 14 | 13,968 | 28 |