

# 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 1000 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*

FASTEC  IMAGING™

# SportsCam

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## SPECIFICATIONS

<b>MODELS</b>	SportsCam 250, SportsCam 500 and SportsCam 1000 (Monochrome and Color).
<b>SENSOR</b>	CMOS array, 8-bit monochrome resolution, 24-bit color resolution.
<b>SHUTTER</b>	1x, 2x, 3x, 4x, 5x, 10x and 20x the recording rate.
<b>RECORDING MODES</b>	<p><b>Manual</b> Begins recording when the record button is pushed. Continues to record and store images in memory until the stop button is pushed.</p> <p><b>Trigger</b> 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>
<b>PLAYBACK MODES</b>	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.
<b>DISPLAY</b>	Built-in LCD color digital display (14cm W x 10cm H).
<b>OPERATOR CONTROLS</b>	Power On/Off, Function Select/Change, Record, Stop, Download.
<b>I/O CONNECTORS</b>	DC Power, USB 2.0 Port, Compact Flash, Trigger-In, Sync-In, Sync-Out, Video-Out.
<b>TRIGGER INPUT</b>	Contact closure or standard TTL signal, 3 to 30 VDC.
<b>MOUNTS</b>	C-mount lens mount, 1/4-20 tripod mount.
<b>POWER SUPPLY</b>	Rechargeable Battery Pack (included) or 110/220 VAC adapter (included).
<b>SIZE &amp; WEIGHT</b>	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	1319	26	2637	53
	60	640 x 480	1319	22	2637	44
	125	640 x 480	1319	11	2637	21
	250	640 x 480	1319	5	2637	11
	50	640 X 240	2655	53	5309	106
	60	640 X 240	2655	44	5309	88
	125	640 X 240	2655	21	5309	42
	250	640 X 240	2655	11	5309	21
	500	640 X 240	2655	5	5309	11
	50	440 x 330	2773	55	5546	111
	60	440 x 330	2773	46	5546	92
	125	440 x 330	2773	22	5546	44
	250	440 x 330	2773	11	5546	22
	500	440 x 330	2773	6	5546	11
	50	320 x 240	5310	106	10619	212
	60	320 x 240	5310	88	10619	177
	125	320 x 240	5310	42	10619	85
	250	320 x 240	5310	21	10619	42
	500	320 x 240	5310	11	10619	21
	1000	320 x 240	5310	5	10619	11

17150 Via Del Campo, Suite 301, San Diego, CA 92127  
 Tel 858.592.2342 Fax 858.592.2615 www.fastecimaging.com

Specifications subject to change without notice.

