

MOTION CAPTURE

Canon professional camcorders and EOS digital SLR cameras are changing the motion capture landscape, affecting every facet of video recording and production from broadcast journalism to filmmaking. As technology has developed so has the broad, remarkable array of equipment Canon produces for the video professional. Reflecting decades of leadership and know-how in the design and manufacture of camcorders and lenses for professional video capture, Canon HD video camcorders deliver the technologies, performance and features that help ensure reliable output of outstanding image quality. Professional videographers can also benefit from the Full HD video capture capability of Canon EOS digital SLRs, taking advantage of the full array of EF lenses and the unique characteristics of large-sensor capture for dramatic results. Whatever the job, professionals can count on Canon to capture motion with efficiency, excellence and expression.

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EOS-1D Mark IV

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Motion Capture Tecnology122

Making a Video with an EOS



FULL HD 1080 Full HD Video Capture

The EOS-1D Mark IV captures video with all the benefits of shooting with an EOS

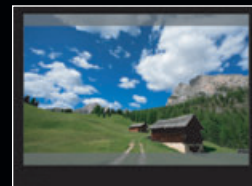


SLR. It allows for full use of Canon EF lenses, including wide angle, macro, tilt-shift lenses and more. By shooting video with a large sensor camera, it's simple to take advantage of the image

quality and characteristics intrinsic to SLR photography. The photographer has access to the EOS-1D Mark IV's extended ISO sensitivities, and can control exposure and depth-of-field with ease. **126**

HDMI Resolution and Frame Rates

Full HD video captured at 1920 x 1080 resolution can be shot at 24, 25 or 30 frames per second, for up to 4GB per clip. Videos are saved as MOV files and can be viewed in Full HD with the EOS-1D Mark IV's HDMI output. Other recording sizes include HD at 1280 x 780 (50/60 fps) or SD/VGA at 640 x 480 (50/60 fps). **127**



Video shooting area of Full HD quality (1920x1080)/HD quality (1280x720)



Video shooting area of SD quality (640x480)

SLR Effects in Motion



In the EOS-1D Mark IV's manual Video mode, users can control depth-of-field and sense of motion, creating gorgeous background blur.

Exposure can be determined and set even in complex lighting situations, maintaining the same look and feel through an entire scene, not just the initial shot, and minimizing camera noise that can occur when the aperture changes due to exposure adjustment mid-clip. The EOS-1D Mark IV has a built-in microphone for simple mono recording and stereo sound can be recorded through an external microphone.

Playback and simple editing can even be done in-camera, and video can be played on televisions by using an analog AV or HDMI cable. **127**



Terminals:
1. PC terminal
2. Remote control terminal
3. External microphone IN terminal
4. HDMI mini OUT terminal
5. Audio/video OUT/Digital terminal

"The images shot in the EOS-1D

Mark IV's movie mode really have to be seen to be believed. The pictures

produced in extremely low light due to the stunningly sensitive CMOS sensor

offer the cinematographer completely new ways of visualizing

nighttime exterior scenes while shooting at high ISO settings. I especially appreciate that Canon

has responded to filmmakers' requests for 24/25 frame rate as well as fully manual aperture adjustments. I

personally see the Canon EOS-1D Mark IV as an invaluable tool in the professional filmmaker's arsenal."

Russel Carpenter

Explorer of Light