

(PRELIMINARY)

HVR-V1E PROFESSIONAL HDV CAMCORDER

Sony has introduced a new compact, lightweight professional HDV camcorder, the HVR-V1E, further enhancing its range of professional HDV products, which includes Sony's first and flagship HDV professional camcorder, the HVR-Z1E and the compact and lightweight HVR-A1E. The HVR-V1E is ideal for film-makers with smaller budgets, and, with its progressive scan capability, provides greater choice when shooting.

In keeping with other Sony professional HDV camcorders, as well as 1080/50i and 25p acquisition, the HVR-V1E features built-in format down-conversion capability and can also record and playback in DVCAM or DV. This provides users with the flexibility to output images in Standard and High Definition formats.

INNOVATIVE FEATURES

3 ClearVid CMOS Sensor

Alongside its many innovations, the HVR-V1E is the first HDV camcorder to incorporate "3 (three) ClearVid CMOS Sensor" system for optimum picture quality. Coupled with Sony's Enhanced Imaging Processor (EIP) which internally processes signals at 1920 X 1080p 4:2:2, these sensors provide high sensitivity, low noise and a wide dynamic range to achieve breathtaking, high-quality images. CMOS also eradicates picture smear and is less demanding on power consumption, which delivers extended battery life.



Flexible shooting options

The Carl Zeiss® Vario-Sonnar® T* Lens features Extra-low Dispersion (ED) glass and a 20x optical zoom lens with F2.8 at the tele-photo end for greater light sensitivity and long-range image acquisition for maximum shooting flexibility. The Digital Extender feature can digitally extend the focal length by around 1.5 times so that the focal length at tele-photo end can be up to 1100mm at 35mm conversion.

Progressive scan (25p)

Thanks to the 3 ClearVid CMOS Sensor system and Enhanced Imaging Processor, the HVR-V1E supports 25p progressive scan modes, in addition to typical 50i. The 25p signal is recorded as a 50i signal by dividing each frame into two fields. This allows the 25p progressive footage captured by the camcorder to be played back or fed to an editing suite using existing Sony HDV equipment.

Further professional features

The HVR-V1E has a range of advanced professional features, including a timecode preset function and two XLR microphone inputs for independent sound recording. It uses mini-size DV cassettes that are capable of up to 63 minutes of continuous recording in HDV mode using Sony DigitalMaster tape and it has battery stamina of 8 hours operation with NP-F970.

There are also a range of accessories and options available for the HVR-V1E, such as an optional wide conversion lens, which employs a bayonet joint for easy attachment.

The HVR-V1E is expected to ship in November 2006.



Other useful features include:

- Camera profile
- TC Link
- Last scene review
- HDMI output
- 3.5" Clear Photo LCD plus
- 1.2M still picture recording