

HVR-Z7E

Sony's new HVR-Z7E is the world's first professional handheld HDV camcorder with an interchangeable lens system. The compact design makes it easy to use and flexible when shooting applications requiring mobility and in space-constrained locations.



❖ HDV, DVCAM and DV Recording on a miniDV Cassette tape

The HVR-Z7E accepts miniDV cassette tapes, which provide over 60 minutes recording time for HDV and DV formats, over 40 minutes for DVCAM format.



❖ An Ideal Handheld Camcorder Design

Sony has responded to professional user feedback to create the ideal handheld camcorder with ergonomically designed body-weight balance and a well-planned layout of buttons and connectors to reduce camera operator fatigue.



Operational Versatility of HVR-Z7E

❖ New XtraFine LCD and EVF Offer High-resolution, High-contrast Images

XtraFine™ LCD

A 3.2-inch type XtraFine LCD is located on the HVR-Z7E in the same position as on the HVR-Z1E.

The high pixel number of approximately 921,000 dots is around four times greater than the LCD of the HVR-Z1E, and this higher resolution allows for easier focus adjustments.

XtraFine EVF

The 0.45 inch type XtraFine EVF (Electronic View Finder) has approximately 1,227,000 dots (852x480x3(RGB)). This device has three independent LEDs for R, G, and B colours. This technology allows users to check objects with remarkable colour reproduction and resolution*. The EVF has a selectable display mode between colour or black and white.

*When the camcorder is panned quickly or when an object in the screen moves quickly, the primary colours of R/G/B may be seen on the object in the EVF momentarily.

Common Features of the XtraFine LCD and EVF

- 100% full-scan display – helps you to check the entire recorded area.
- 6500k colour temperature – the standard for professional monitors.



XtraFine LCD and EVF

❖ infoLITHIUM L Series Battery Compatible

The HVR-Z7E uses the same batteries as the HVR-Z1E, HVR-V1E and DSR-PD170P, so you can fully utilise your existing battery and charger assets.

❖ HDMI output connector

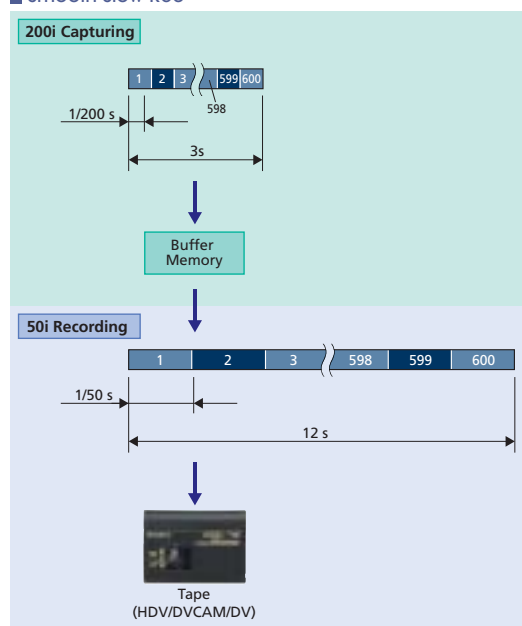
Uncompressed digital HD video and audio signals are output from the HDMI connector. You can see stunning HD images on the HDMI-compatible monitor display. During shooting, the pre-compressed 1920x1080i/4:2:2 signal is output from the HDMI connector.



❖ Smooth Slow Rec

The Smooth Slow Rec function of the HVR-Z7E camcorder enables slow-motion playback by capturing images four times faster than the normal field rate (200 fields/s). In this mode, quad-speed images are captured for three seconds, stored in the built-in buffer memory, and then recorded to tape (in either HDV, DVCAM, or DV format) as slow-motion pictures lasting 12 seconds*¹⁵. This allows recorded images to be checked immediately in the field. Although the resolution of the picture quality is decreased, this function is effective for some applications that don't need full HD quality, such as Internet movies or the analysis of moving objects like a golf swing, for example.

■ Smooth Slow Rec



*¹⁵ Audio cannot be recorded while shooting in this mode.

❖ Two Accessory Shoes

The HVR-Z7E features two accessory shoes. There is a cold shoe on the front that can be removed to make room for a mattebox. While at the rear, there is a screw-hole type shoe located on the handle, which can be changed to a cold shoe, if required, using supplied parts.



A:Removable Front Shoe B:Screw Hole



Removable Front Shoe



Rear cold shoe parts

❖ Two Screw Holes for Secure Connection

To provide a more secure connection between the camcorder and tripod plate or other accessories, two screw holes have been incorporated.

❖ One-touch Clip-type Microphone Holder

A one-touch clip-type microphone holder makes it easy to remove the microphone for quick storage.



Clip-type microphone holder