

SONY

HVR-A1E

HDV 1/3" CMOS Palm Camcorder

Sony's smallest, lightest yet professional HDV camcorder



Boasting an incredibly small size, and providing HDV with the 1080i standard, the HVR-A1E offers a host of advanced features for professional use. Using technology such as CMOS means the HVR-A1E is an ultra-compact camcorder capable of providing HDV in full 1080 line resolution.

Building on the affordability of HDV, the HVR-A1E provides users a migration path from Standard Definition whilst retaining the qualities of the popular DVCAM range such as ease of use and i.LINK (IEEE1394) connectivity.

Ideal for situations where space is at a premium, the HVR-A1E further broadens the range of HDV tools available to support professional users - it really delivers "HD for Everyone".

Features

HDV / DVCAM / DV switchable

Providing professional users with the flexibility to choose the format that suits the need of your production and offering an easy migration from a Standard Definition environment.

Built-in down-conversion to DV

The flexibility to film your footage in HDV and use the camera's down-converter to output Standard Definition pictures if required.

CMOS Sensor with Enhanced Imaging Processor

Using a 3 mega pixel CMOS sensor provides high quality results in a highly compact design. With the Enhanced Imaging Processor (EIP) which is the new signal processing circuit for CMOS sensor, it provides a number of benefits such as,

- Wide dynamic range
- Smear-less
- High sensitivity & Low noise
- High-speed read-out
- Low power consumption

Carl Zeiss lens

The HVR-A1E is equipped with a Carl Zeiss Vario-Sonnar T* lens with a 10x zoom function. With the filter diameter of 37mm, its fully coated glass is the same as used on Carl Zeiss prime lenses, producing sharp, high-contrast images, with virtually no chromatic aberration.

Still image capture

Enables the flexibility to capture still images onto both tape and Memory Stick. It can record maximum 2.8M (1920x1440) pixels in Memory Mode, and maximum 1.2M (1440x810) in Tape Mode.

2.7" hybrid LCD monitor (16:9) with touch panel function

The HVR-A1E employs a 2.7-inch type colour LCD monitor with a high resolution of approx. 123,000 pixels. Its 16:9 aspect ratio helps in checking High Definition pictures, also the touch panel function allows direct operation of camera settings as well as playback function.

B&W / colour switchable viewfinder

Some professional users find it beneficial to view an image in black and white to assist with focusing operations. For this reason, the HVR-A1E allows you to choose either a colour or black & white display on the viewfinder depending on your preference.

Simultaneous operation of LCD panel & viewfinder

Allowing you greater flexibility to focus shots accurately via viewfinder while simultaneously framing images via the fold-out LCD panel.

Cineframe 25 & Cinematone Gamma

As well as the HVR-Z1E camcorder, the HVR-A1E provides Cineframe mode (25 frames) and 2-mode Cinematone Gamma, in order to meet requirements to make images cinematic and film-like look.

2ch XLR audio inputs

The HVR-A1E offers the recording of audio by providing built-in stereo microphone, as well as two XLR audio inputs for connecting an external microphone or feeding an external-line audio source.

Time code preset

Supports professional operation with flexible time code and user bit settings.

Selectable manual Focus / Zoom ring

The ring positioned in front of the body can be selected for manual focus or manual zoom, with direct operation of using the slide switch located near the ring.

Assignable button

A frequently used function can be registered to this button so that it can be recalled instantly with the touch of the button. The assignable functions are Status Check, Steady Shot, One Push White Balance, Histogram Indicator or Colour Bar.

Exposure lever

This new lever allows direct manual control of brightness. It can be assigned for either Exposure or AE Shift function by menu setting.

Tele MACRO function

The new function enables to take "macro" picture for a specific object even from a distance. The photographic

subject can be made more conspicuous since the background fades automatically.

Histogram indicator

The new indicator allows you to check the brightness of an object and easily adjust exposure by viewing this graphical presentation.

Benefits

An affordable way to enjoy High Definition

The HVR-A1E further supports that HD is for everyone. Through the HDV format Sony's HVR-A1E allows you to capture High Definition pictures on a standard DV format cassette - providing both a highly cost effective format and full 1080 line resolution.

The ability to choose the most appropriate recording format for your production

With the Sony HVR-A1E, you are able to switch between HDV, DVCAM and DV recording giving you full flexibility to record in either Standard or High Definition depending on your requirements. Taking still images is also possible with the HVR-A1E.

Designed for professional use

As a professional, Sony recognises that your needs are different to that of a consumer. As a result the HVR-A1E incorporates a number of specific features to support your needs.

Ultra-compact design

Brings the realms of High definition to an even wider range of production needs. A lightweight and small design mean that HDV shots can be achieved even when space is at a premium.

A comprehensive support service

Just like the rest of the HDV and DVCAM range, the HVR-A1E benefits from two years Silver Support warranty as standard providing a unique after-sales care programme offering enhanced support and service.

Technical Specifications

General

Power requirement (AC Adaptor / Battery)	8.4 V / 7.2 V
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Power consumption (VF On / LCD On / VF & LCD On)	5.6 W / 5.8 W / 6.2 W (HDV recording)
Mass	670 g (without tape, battery)
Dimension (W x H x D)	71 x 103 x 191 mm (excluding lens hood and microphone)
Continuous recording time	320 min (with NP-QM91D, LCD off, HDV recording)
LCD Monitor	2.7-inch type 16:9 hybrid colour (123,200 dots)
Viewfinder	0.54-inch type LCD (252,000 dots), B&W / Colour

Inputs / Outputs

Component Video Out	1080i / 576p / 576i
Multi AV Out	Composite, S-Video, Audio
i.LINK (IEEE1394)	4-pin (HDV/DV)
External Audio Inputs	XLR (x2)
Headphone Jack	Stereo Mini

LANC

USB

DC IN

Supplied Accessories

Shoulder Strap	
XLR Microphone Adaptor	
Monaural Microphone	ECM-NV1
Memory Stick Duo Adaptor	
Memory Stick Duo (16 MB)	
USB Cable	
Component Video Cable	
AV Multi Connecting Cable	
Wireless Remote Commander	RMT-831
Power Cord	
Lens Hood with Lens Cover	
InfoLITHIUM Battery Pack	NP-FM50
AC Adaptor	AC-L15

Accessories

Batteries and Power Supplies



NP-QM91D

Rechargeable Battery Pack



AC-SQ950B

AC Adaptor / Charger

Cases



LCH-HCE

Hard Carrying Case



LCS-G1BP

Soft Carry Case

Tripods



VCT-PG11RMB

Tripod



VCT-SP1BP

Multi-purpose Camcorder Support System

Remote Controls



RM-1BP

Remote Commander