



## HVRA1U

### Features

- Sony's first C-MOS 1080i HDV/DVCAM/DV camcorder
- 60i/30frame/sec, 24 frame/sec with 2:3 pulldown switchable
- Built-in HD to SD downconversion
- CinemaTone gamma and CineFrame functions
- Switchable HDV/DVCAM/DV (SP) format recording
- Resolution of 1440x1080 with pixel shift
- HDV 1080, 60i/30F/24F Recording and Playback capable
- 1/3 inch 3 Mega-pixel newly developed C-MOS Imager
- High quality 10X Optical Zoom Carl Zeiss Sonnar T Lens
- Stabilization system
- Manual Focus Ring
- Histogram
- 2.7 inch 16:9 Hybrid LCD Display with touch panel function
- Simultaneous use of EVF and LCD display
- Built-in Wide Range Stereo Microphone
- Balanced Audio XLR input connectors (x2) w/selectable phantom power
- User Assignable button
- Expanded focus
- Markers
- Color Bars
- Quick Rec Mode
- Shot Transition
- i.LINK® DV Interface (IEEE1394)
- MPEG2 Real Time Encode System for real time processing of HD data
- 14 Bit DXP (Digital Extended Processor) combines 14 bit A/D converter with an advanced camera processing system
- Switchable HDV/DVCAM/DV (SP) Format recording
- Built-in HD to SD down conversion
- Precision 16:9 SD DV recording
- Expanded Focus Function for easy confirmation of focus setting during manual focusing

- EVF & LCD peaking indicator
- Advanced Zebra Indicator
- CineFrame™ and Cinematone™ functions for cinema like recordings (30F/24F)
- Tele Macro function
- Still image capture to Memory Stick Duo
- Night Shot
- Analog/Digital conversion with Pass-Through
- LCD panel mounted ZOOM/REC controls
- Battery Info function allows the battery's charge level and remaining run time to be checked with the camera's power turned off
- Over 5 1/2 hours of operation on a single NP-QM91D battery using the LCD and EVF simultaneously

## Specs

### Image Device : 1/3-inch type C-MOS

- **Lens** : High quality 10X Optical Zoom Carl Zeiss Vario-Sonnar T Lens; 41-410mm focal length; filter diameter 37mm
- **Picture Elements** : Total pixels: approx. 2.97M pixels
- **SD Video Signal System** : NTSC
- **Scanning System** : 1080.60i
- **Sync System** : Internal (HD & SD)
- **Connectors** : S-Video, A/V, Component Output, XLR IN (x2), i.LINK, LANC, Headphone stereo mini
- **Minimum Illumination** : 7 lux @ 18db, normal shutter
- **Exposure** : Auto, Manual
- **Viewfinder** : Hybrid Precision 16:9 Color & B/W Selectable 252,000 pixel
- **Audio** : DV/DVCAM Rec.: 48KHz/16 bit, 32 KHz 12 bit. HDV Rec.: MPEG-1 Audio Layer II
- **Provided microphone** : Wide Range Stereo Microphone
- **Speaker** : Built-in dynamic
- **LCD Panel** : Hybrid 16:9 2.7 inch type
- **Format** : HDV/DVCAM/DV (SP) recording; HDV/DVCAM/DV (SP) playback
- **Recording Time** : Max. 60 minutes with HDV, 40 minutes in DVCAM, & 60 minutes in DV (SP)
- **Power Consumption** : (VF/LCD/VF+LCD):5.8W/5.9W/6.4W
- **Weight** : 1 lbs., 10 oz.