



| | HDR-FX1 | HVR-Z1 |
|---------------------------|-------------------------------------|-----------------------------------|
| Format: | HDV / DV (SP) / DV (LP) | HDV / DVCAM / DV (SP) |
| Advanced Realtime HD | Yes | Yes |
| CCD Block: | 1/3" HD CCD (16:9) | 1/3" HD CCD (16:9) |
| 14-bit HD DXP: | Yes | Yes |
| Lens: | Wide 12x Carl Zeiss 32.5-390mm | |
| Super SteadyShot: | Yes | Yes selectable type |
| ND Filter: | Yes 2 | Yes 2 |
| Zoom Ring: | Manual, non-perpetuating | |
| Top Handle Zoom: | Yes set speed | Yes variable speed |
| Zoom Display: | Bar | Selectable Bar / Number |
| Shot Transition: | Yes | Yes with timer start |
| Auto / Man. Focus: | Yes | Yes |
| AF Assist | No | Yes |
| Magnified Focus: | Yes timed off | Yes with Manual off |
| LCD Panel: | 3.5" Hybrid 16:9 | |
| EVF: | Color | Selectable B&W / Color |
| LCD with EVF: | No | Yes |
| Mic: | Built-in, Stereo | |
| ShotGun Mic Holder: | No | Yes |
| XLR: | No | Yes |
| Audio Level: | Single Stereo | Individual 2 channel |
| Mic sensitivity | No | Yes |
| Audio NR: | Yes | Yes selectable |
| Audio Limiter: | Always On | Selectable On /Off |
| Audio Input Level Trim: | No | Yes |
| Audio Monitoring | Stereo | Selectable Ch1 - CH2 -Mix |
| Locked Audio SD Record: | No | Yes |
| Locked audio at Down | No | Yes |
| Audio Level Output: | 1Vrms Consumer | 1Vrms + 2Vrms Professional |
| Time Code: | No | Preset/Regen/Rec Run/Free Run |
| Time code set with remote | No | Yes |
| Widescreen: | Native 16:9 in HD and SD | |
| 4:3 SD Operation | No | Yes |
| HD - SD: | Built-in Down Conversion | |
| Down conversion modes | 16x9 (letterbox) - 4:3 (Squeeze) | Letterbox - Squeeze - 4:3 Crop |
| 480P output | No | Yes |
| CinemaTone Gamma: | Yes 1 mode | Yes 2 modes |

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| Switchable 50/60 Hz for international 1080 60i -50i support: | No | Yes |
| NTSC/PAL SD Support: | No Separate Model required | Yes Switchable |
| CineFrame 25: | Yes with PAL Model only | Yes |
| CineFrame 24: | Yes with NTSC Model only | Yes |
| CineFrame 30: | Yes with NTSC Model only | Yes |
| DVCAM | No | Yes |
| Black stretch | No | Yes |
| Top Handle Record Button: | Yes | Yes |
| Quick Record | No | Yes |
| Assignable User Buttons: | 3 | 6 |
| Assignable Functions: | 6 | 10 |
| Manual Iris: | Yes | Yes |
| Manual Gain: | Yes | Yes |
| Hyper Gain: | No | Yes |
| AE Override | No | Yes |
| Man. White Balance: | Yes | Yes |
| Outdoor white balance | No | Yes |
| Colour Corrector: | No | Yes |
| Skintone Detail: | Yes | Yes |
| Skintone Detail Level | No | Yes |
| Man. Shutter Speed: | Yes | Yes |
| Picture Profile: | Yes | Yes |
| Peaking Indicator: | Yes | Yes |
| adjust | No | Yes |
| Zebra Indicator: | Yes fixed 70-100 | Yes selectable |
| Camera Status Check: | Yes | Yes |
| AE Response: | Yes | Yes |
| Flicker Reduction: | Yes | Yes |
| Center Marker: | Yes | Yes |
| Safety Zone Marker: | No | Yes |
| 4x3 Marker | No | Yes |
| All Display Off | No | Yes |
| All Scan Mode(underscan): | No | Yes |
| Time Date Stamp | No | Yes |
| Personal Menu: | Yes | Yes |
| Color Bars: | Yes | Yes 2 modes |
| AC/Charger | Ext. AC - Charge on Camera | Ext. AC/Charger Supplied VQ- |
| Battery Info: | Yes | Yes |
| Hours Meter: | No | Yes |
| i.Link external device | No | Yes |
| Multi Language Menu: | Yes English/Canadian French | Yes English/Canadian French |
| Availability: | Nov-04 | Feb-05 |
| Suggested Retail Price | \$4,999 Can | \$7,250 Can |

Summary: The professional HVR-Z1U has over 45 enhancements over the consumer HDR-FX1!