

# Datavideo Product Compare

<https://datavideo.com/tw/>

|                              |  |
|------------------------------|--|
| 型號                           | <b>HDR-70</b>  |
| 產品                           | <b>HD/SD-SDI硬碟錄影機</b>  |
| Video Standard               | HD & SD  |
| Video Format                 | 1080p 23.97/24Hz<br>1080i 50/59.94/60Hz<br>720p 50/59.94/60Hz<br>576i 50Hz, 480i 59.94Hz |
| Supported Video Input Signal | 1x SDI   |
| Video Output                 | 1x SDI (Input Loop Thru)<br>1x HDMI, 1x SDI (Out)  |
| Analog Audio Input           | 2x Balanced XLR (Stereo pair)  |
| Analog Audio Output          | 2x Balanced XLR  |
| Embedded Audio               | Both In & Out (8-CH on SDI/HDMI)   |
| Storage Medium               | 2.5" Hard Drive / SSD*, Max capacity 1TB   |
| Multi-channel Recording      | 1-CH HD only   |

|   |   |
|---|---|
| Estimated Record Time (min per 10GB)      | SD: 19 (50Mbps) ~ 70 (8Mbps)<br>HD: 8 (125Mbps) ~ 62 (10Mbps)   |
| Recording Media                           | 1x 2.5" Removable HDD/ SSD  |
| Storage File System                       | NTFS  |
| Recorded File Format                      | MXF OP1A, MOV   |
| Video Recording Bit Rate / Color Sampling | MPEG2 Long GOP HD:<br>1. 10/ 25Mbps 4:2:0 1440x1080/1280x720,<br>2. 35/ 50/ 65/ 120Mbps 4:2:2 1920x1080/1280x720,<br>MPEG2 Long GOP SD:<br>1. 8Mbps 4:2:0 720x480/720x576 (to be F/W upgrade)<br>2. 15/ 30/ 50Mbps 4:2:2 720x480/720x576<br>MPEG2 I-Frame Only HD:<br>1. 80/ 100/ 125Mbps 4:2:2 1920x1080/1280x720<br>MPEG2 I-Frame Only SD:<br>1. 25/ 50Mbps 4:2:2 720x480/720x576 |
| Audio Recording Format                    | Uncompressed PCM<br>Sampling rate 48KHz 24bit   |
| Encode Supported                          |   |
| Video Bitrate                             |   |
| Preview Display                           | ---   |
| Time Code In / Out                        | Yes   |
| External Sync / Genlock                   | Black Burst & Tri-level with loop thru  |
| External Control                          | RS-232/422 (Dsub 9pin), GPI (min XLR)   |

|                          |  |
|--------------------------|--|
| Power Failure Protection | Content saved up to last second before power failure   |
| Chassis                  | 1RU 19" rack-mountable   |
| Dimension (LxWxH)        | 288 x 481 x 49 mm  |
| Weight                   | 3.1 kg   |
| Operating Temp. Range    | 0~40 °C  |
| Power                    | DC 12V, 2A   |
| What's in the Box        | <ul style="list-style-type: none"> <li>1 x HDR-70 product</li> <li>1 x AD Switch DC 12V</li> <li>1 x USB Cable (Y type)</li> <li>2 x 2.5" Removable HDD Enclosure (HDD Not Included)</li> <li>10 x M3 X 4 m/m Screws</li> <li>2 x 2.0 X 6 m/m Screws</li> <li>2 x HD Label</li> <li>4 x Label</li> <li>2 x L type stand</li> </ul> |

Approved  
Drives

Crucial MX220 (250GB)  
Hitachi 7K320-320 (320GB)  
Intel 330 Series (120GB)  
Intel 520 Series (120GB)  
Kingston Hyper X (240GB)  
Kingston Hyper X (128GB)  
Samsung 840 EVO (1TB)  
Samsung 840 PRO (128GB)  
Samsung 850 PRO (256GB)  
Sandisk Extreme (120GB)  
Sandisk Extreme (240GB)  
Sandisk Extreme II (120GB)  
Sandisk Extreme II (240GB)  
Sandisk X110  
Sandisk X300s (512GB)  
Silicon Power V30 (120GB)  
Transcend SSD320 (120GB)  
Transcend SSD370 (512G)  
WD WD3200BEKT (320G)  
WD WD5000BEKT (500GB)  
WD WD5000BPKT (500GB)  
WD WD3200LPLX (320GB)  
WD WD5000LPLX (500GB)  
WD WD7500BPKT (750GB)