

# Specifications

## DEFINITY HD Film Recorder



### Central Image Processing Unit

Resolution	2K, 4K, 6K horizontal, sequential RGB 7680x2048 pixels anamorphic
Dynamic Range	2.8 log exposure units: Dmax 2.7 Status M above Dmin
LCD Life	Greater than 40,000 hours; typical 200,000 hours
Light Source Life	Greater than 50,000 hours measured to half brightness; typical 90,000 hours
Uniformity	Flat to the corners to +/-0.01 Status-M

### Digital Parameters

File Formats	CIN, DPX, SGI, TIFF, TGA, YUV, JPEG2000, PIC, RGB, and others
Image Aspect Ratio	Any user-defined image aspect ratio, size, and position
Color Depth	10bit / 12bit color on film

### Film Parameters

Raw Stock	Camera Negative 5201, Fuji F64D Intermediate optional
Cycle Times	1.6 sec/frame for Camera Negative Optional Upgrade: 4.9 sec/frame for Intermediate Optional Speed Upgrade: 1.2 sec/frame for Camera Negative 2.9 sec/ frame for Intermediate Times independent of resolution

### DEFINITY Work Station

Architecture	2* Intel Xeon Dualcore processors
Physical Storage	3 Terabyte S-ATA RAID Array
Operating System	Windows XP 64bit Professional
Interfaces	Dual Gigabit Ethernet, USB 2.0, optional optical fiber adapter

### 35mm Camera

Film Registration	Fixed 3-pin registration VistaVision configuration
Magazines	2,000ft split magazines, 1,000ft optional

Specifications are subject to change without notice.  
Please verify before ordering.