

The Wafian HR-2-DS makes recording master quality stereoscopic high-definition video simple and affordable



Wafian HR-2-DS Stereoscopic HD Video Recorder

The HR-2-DS records two streams of full resolution 10-bit HD video direct-to-disk, giving you the best quality while providing you with unmatched “always on-line” production and post-production efficiency.



Stereoscopic Features

The HR-2-DS introduces new features to make stereoscopic recording faster & easier:

- Blended Video Preview - Helps set convergence
- Rotates Incoming Video - Compensates for beam splitter 3D rigs in real-time
- Real-time 3D Viewing - Creates 3D meshes for viewing on supported DLP & Plasmas
- Unique 2 Video Track QuickTime MOVs - Makes data management easier
 - No more tracking pairs of stereo files
 - Create side-by-side or over-under previews
 - Support legacy workflows - Edit one eye only with reference movie file
- Saves Disk Space and Money - 3D 1920x1080 24p at 140 GB/Hour compared to uncompressed at 955 GB/Hour

Recorder Features

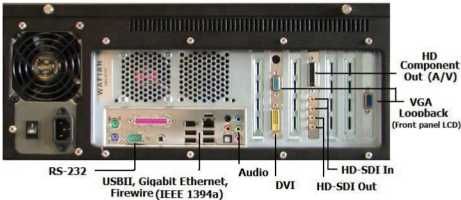
- Dual-Stream HD-SDI, 10-bit 4:2:2
- Single Stream, 10-bit 4:4:4
- Easy to use touch screen controls
- Immediate playback and review
- Mirrored storage: 17+ hours
- Disk redundancy protects footage
- Long duration takes

Wafian Corporation
www.wafian.com

674 Via De La Valle, Suite 100
Solana Beach, CA 92075

P: 858-863-4166
F: 858-228-1774

Wafian HR-2-DS Direct-to-Disk HD 3D Video Recorder



Turn your HR-2-DS into a rugged field unit



The HR-2-DS shock case offers the best protection against damage during shipping, travel, on-set and on location work.



Quick-and-easy transfer to your edit bay

Add internal and external drive trays with removable caddy. The kit comes with two SATA II 1TB drives for fast and easy footage transfer.

Wafian HR-2-DS Specifications

GENERAL:	
Power Supply	AC 110-240V
Power Consumption	550W Power Supply
Operating Temperature	32-104 F, 0-40 C
Weight	60 lbs
Dimensions (WxHxD)	482mm x 545 mm x 177 mm (Fits standard 4U rack)
Recording Format	CineForm 444, CineForm Intermediate (VBR Wavelet)
File Format	.MOV (QuickTime) and .AVI (Windows) files
Case	Rugged steel chassis with shock-resistant drive bay
LCD	8.4 inch touch-screen color display
External Connections	Gigabit Ethernet, USB2, IEEE 1394a, optional external drive
Capacity	4x1 TB RAID 10 (Mirrored) 17 Hours (45 MB/s 1920x1080 24p 4:4:4) Or, 4x1 TB RAID 0 (Striped) 34 Hours (45 MB/s 1920x1080 24p 4:4:4)
Time Code	HD-SDI (RP-188) Embedded, Generated, optional LTC coming soon
Device Control	9-Pin Protocol RS-422, see users guide for supported commands
Reference Input	Analog Color or Tri Level Sync via Breakout cable

VIDEO:	
HD & SD SDI Input	2 BNC HD-SDI
HD & SD SDI Output	2 BNC HD-SDI
Formats (Single & Stereo)	1920x1080i - 25, 29.97, 30 1920x1080p & psf - 23.98, 24, 25, 29.97, 30 1280x720p - 50, 59.94, 60 NTSC (525 29.97i) PAL (625 25i)
Sampling/Quantization	10-bit 4:2:2 YUV & 10-bit 4:4:4 RGB
Analog Output	Component and Composite Output for monitoring
Inverse Telecine	24p from 1080 30i and 24p from 720 60p

AUDIO:	
Input	HD-SDI Embedded, AES/EBU
Output	HD-SDI Embedded, AES/EBU, Headphones
Channels	SDI - 8 channels AES/EBU - 8 channels
Sampling/Quantization	48 kHz, 16-bit

OPTIONAL ACCESSORIES:	
Drive Kit	Internal and external drive tray with 2x1 TB SATA II drives and swappable enclosures
Shock Case	Shipping case with internal shock mount rack and wheels for shipping and field use

Features and specifications are subject to change without notice.
Weight and dimensions are approximate.
1 year warranty.



Wafian Corporation
674 Via De La Valle, Suite 100
Solana Beach, CA 92075

P: 858-863-4166
F: 858-228-1774

www.wafian.com