

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



# Wafian HR-2 *Direct-to-Disk HD Video Recorder*

The HR-2 records 10-bit 4:4:4 video direct-to-disk giving you better image quality than tape-based solutions and saves you money by keeping your footage on-line and ready for editing.



### Applications

- Film and Video Production
- Commercials
- Music Videos
- Post Production
- Broadcast
- Chroma Mode for Green Screen
- Computer Animation
- Events & Sports
- Surveillance
- Medical
- VTR Replacement

### Features

- Direct-to-Disk Recorder
- Dual-Link HD-SDI & SDI Full Resolution, 10-bit, 4:4:4 Video
- 16-bit, 48khz, 8-channel Audio
- Easy to use touch screen controls
- Immediate playback and review
- Real-time inverse telecine
- Fast offload with Gigabit Ethernet, USB2, 1394a, External Drive
- Mirrored storage: 17 hours of 1920x1080 24p 4:4:4 (45MB/s)
- Disk Redundancy protects footage
- DPX Export \*
- Time code (LTC \*\*, embedded, generated)

### Benefits

- Better quality than other HD formats
- Improved workflow efficiency
- Saves time and money
- Online all the time
- Most affordable dual-link HD-SDI recorder
- Long duration takes
- Massive redundant storage

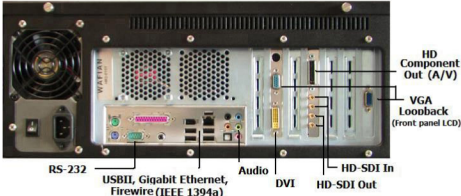
\* coming soon  
\*\* coming soon & optional

**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 *Direct-to-Disk HD Video Recorder*



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

The HR-2 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 750GB drives for fast and easy footage transfer

## Wafian HR-2 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 (VBR Wavelet, 360 mbps)
File Format	.MOV (QuickTime) and .AVI (Windows) files, DPX Export coming soon
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	4x750 GB RAID 10 (Mirrored) 17 Hours (45 MB/s 1920x1080 24p 4:4:4) Or, 4x750 GB 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 (Dual-Link)
HD & SD SDI Output	2 BNC (Dual-Link)
Formats	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	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 2 x 750 GB 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

