

The Wafian HR-F1 makes recording master quality high-definition video in the field simple and affordable.



Wafian HR-F1 *Direct-to-Disk HD Video Recorder*

The HR-F1 records 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 - Green Screen
- Computer Animation
- Events & Sports
- Surveillance
- VTR Replacement
- Medical
- Field Use

Features

- Direct-to-Disk Recorder
- HD-SDI, SDI, HD & SD Component Video
- Full Resolution, 10-bit, 4:2:2 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, Hot-swappable Drive
- 10-hours of 1920x1080 24p (15MB/s) storage
- 24 VDC powered
- 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 HD-SDI recorder
- Long duration takes
- Massive storage
- Portable & DC powered

* coming soon & optional

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Wafian HR-F1
Direct-to-Disk HD Video Recorder



Transport and ship your HR-F1 safely

The custom HR-F1 Pelican case offers the best protection against damage during shipping, travel, on-set and in the field



Take it with you
Record for over 4 hours with the Anton Bauer battery kit

Quick-and-easy transfer to your edit bay

The HR-F1 comes with an external drive bay that can be connected to your editing system. Extend your recording capacity by purchasing removable drives. Each drive stores 10 hours of footage (15 MB/s)



Wafian HR-F1 Specifications

GENERAL:	
Power Supply	Includes 100-240V AC/DC Converter
Power Consumption	21-30VDC, 180W Approx. (3-Pin XLR Input)
Operating Temperature	32-104 F, 0-40 C
Weight	29 lbs
Dimensions (WxHxD)	10.5"W x 10"H x 14.5"D
Recording Format	CineForm Intermediate (VBR Wavelet, 80-240 mbps)
File Format	.MOV (QuickTime) and .AVI (Windows) files
Case	Rugged steel chassis with handles
LCD	8.4 inch touch-screen color display
External Connections	Gigabit Ethernet, USB2, IEEE 1394a, removable drive enclosure (USB2)
Capacity	750 GB - Hot swappable -10 Hours (15 MB/s 1920x1080 24p) Optional removable solid state drive (2 Hours - 160MB/s)
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

VIDEO:	
HD & SD SDI Input	1 BNC (SMPTE 259/292/296)
HD & SD SDI Output	2 BNC
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	4:2:2, 10-bit
Analog	Component and Composite
Inverse Telecine	24p from 1080 30i and 24p from 720 60p

AUDIO:	
Input	HD-SDI Embedded, 2 Balanced XLR, AES/EBU
Output	HD-SDI Embedded, 2 Balanced XLR, AES/EBU, Headphones
Channels	SDI - 8 channels Analog, AES/EBU - 2 channels
Sampling/Quantization	48 kHz, 16-bit

OPTIONAL ACCESSORIES:	
Battery Kit	Anton Bauer 24V battery pack Includes battery, battery charger, cable, and battery shipping case
Shock Case	Custom Pelican case, water tight, crush and dust proof Includes roller wheels, roller handle, lock latch for shipping
Solid State Drive	Optional removable solid state drive (2 Hours - 160MB/s)

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



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