

2k and HD uncompressed SSD recorder HR-7502 Data Sheet

HR-7502 is compact and camera-mountable uncompressed 2k, HD and 3D recorder which has SSD flash drive as recording device. Due to compact, light weight and robust body, it is portable and quite suitable for digital film shooting outside.

As mentioned in the data sheet, HR-7502 could support as many format as possible for any kind of shooting application.

Typical recording time is 30 min. for dual link 444 24p 12bit, 30 min. for 3D, single link x 2 422 24p 10bit, and 60 min. for single link 422 24p 10bit.

3.5inch LCD panel is equipped for preview play back of recording video.

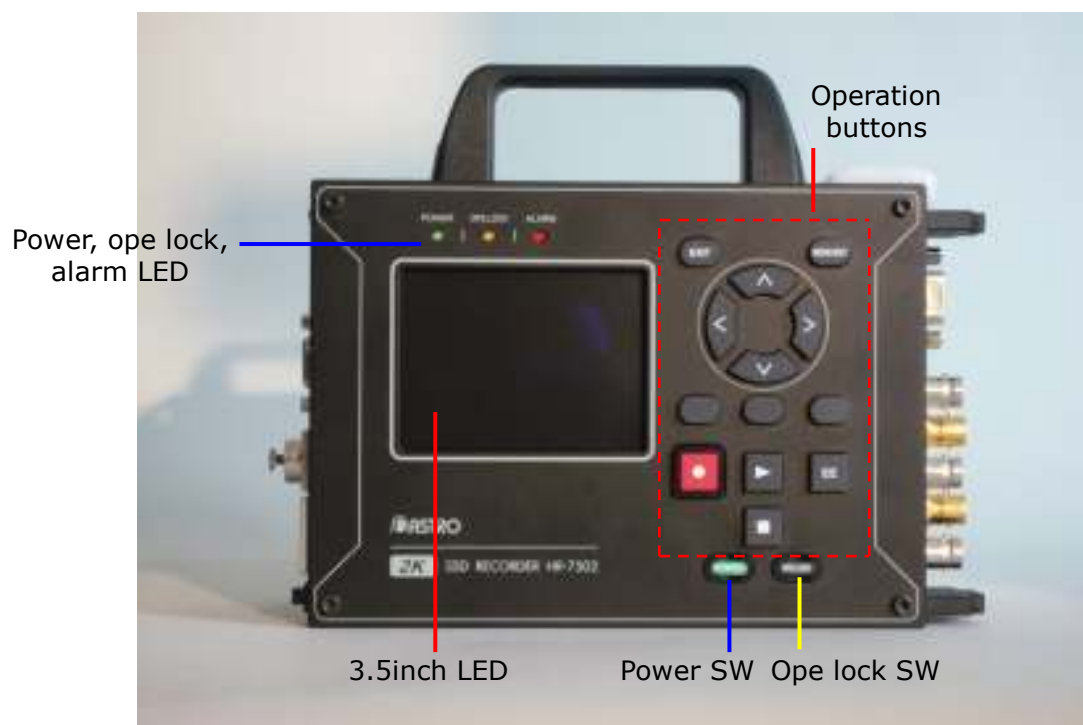
DPX format is supported for file transferring output.

The data inside SSD flash drive can be transferred to the external LTO drive using dedicated file transfer tool, IM-1502. Transferring the data into LTO could make both data back up and post production workflow.

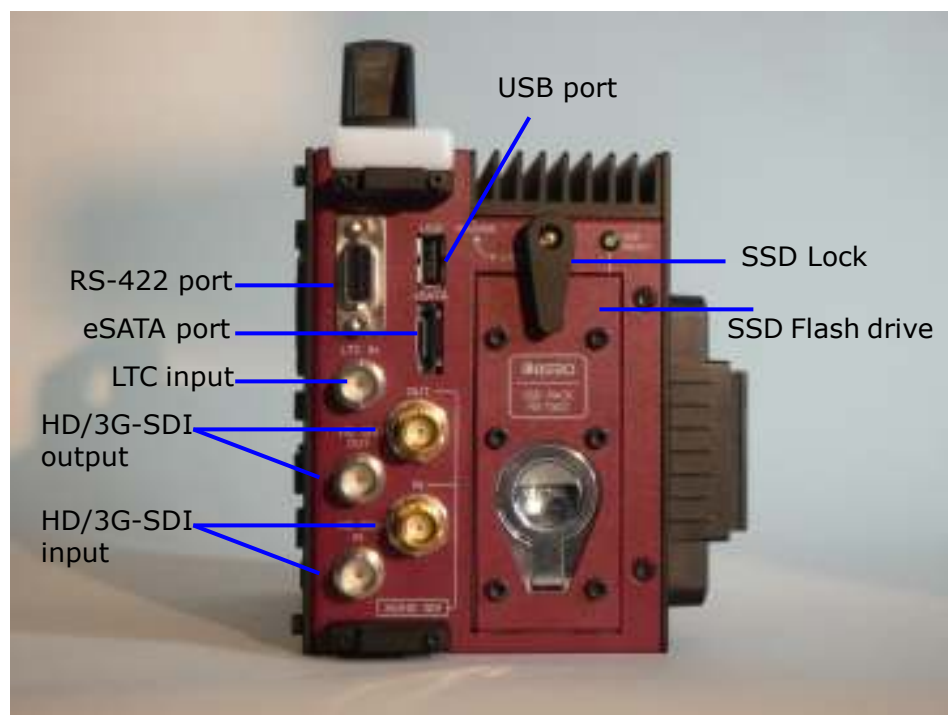
Features

- **2k, HD, 3D and even 3G-SDI support**
SDI 2ch input support every input format with auto sense for 422 single, 444 dual, 3D (422 single x2) and 3G-SDI.
- **Embedded audio, time code and ancillary data**
HR-7502 can capture embedded audio up to 8ch, LTC and ancillary time code, metadata for several horizontal lines.
- **Auxiliary audio input**
Not only embedded audio is supported, HR-7502 is equipped with audio input for 2ch. Auxiliary audio data can be recorded.
- **SSD flash drive**
HR-7502 used SSD, Solid State Drive as recording media for stable operation. It is removable and data inside can be transferred to the external LTO with our data transfer tool, IM-1502.
- **Variable frame rate**
60p recording and 24p playback for slow motion is available.
- **Wide range of DC input**
Typical DC input is 12V. However it supports wide voltage range from 10 to 36V for many kinds of application.
- **3.5inch built-in LCD panel**
LCD panel is equipped for quick preview, audio level, time code and setting menu.
- **Easy operation**
Good touch feeling rubber material button and appropriate layout of each button, the operation such as record, stop, playback, menu setting and so on will be easy and human friendly.
- **V mount battery adapter**
To support digital cinema shooting outside the studio without power, HR-7502 is equipped with V mount battery adapter.
- **Compact, light weight and robust**

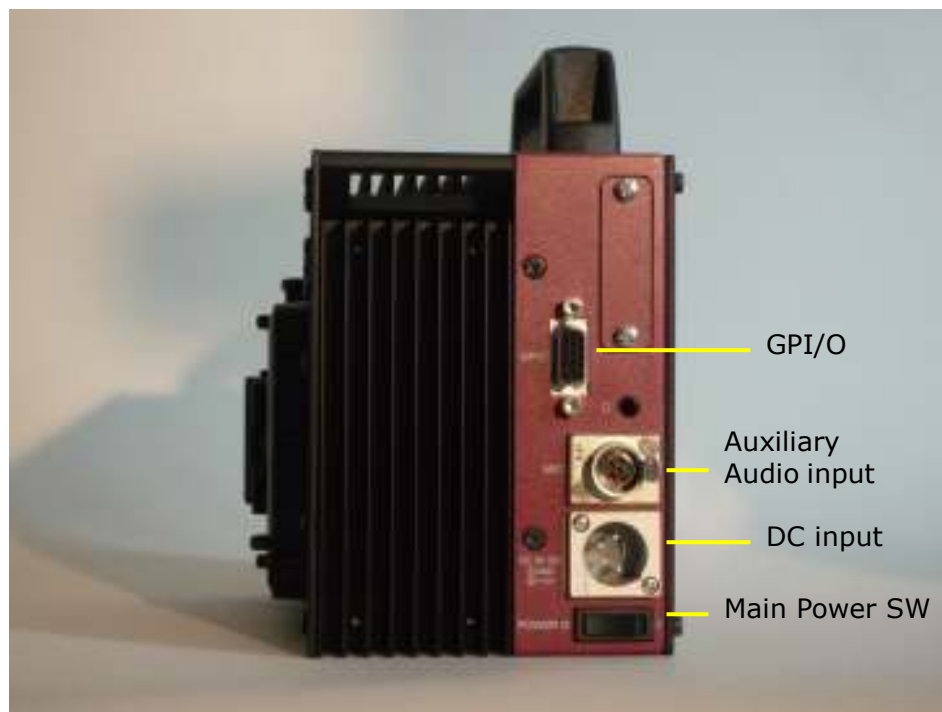
Front view



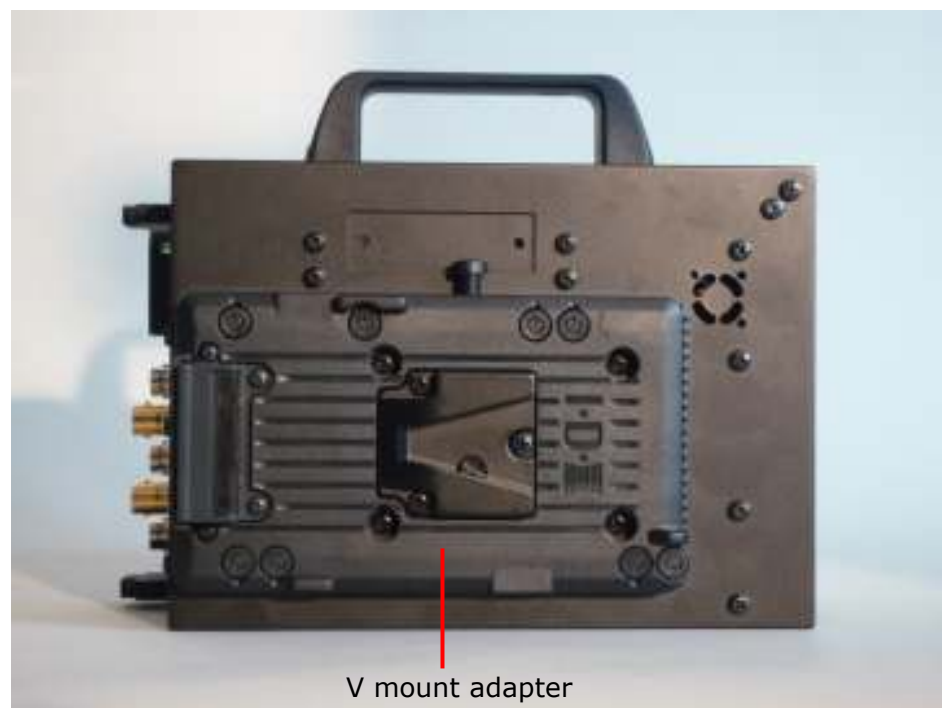
Side view



Side view



Rear view



Specifications

Input	HD-SDI	2ch (for dual link and 3D)
	Auxiliary audio	2ch
	LTC	1ch
Output	HD-SDI	2ch (for dual link and 3D)
Signal	HD-SDI	SMPTE292M
	Dual link HD-SDI	SMPTE372M
	3G-SDI	SMPTE425M
Format	Dual link 4:4:4, 12bit	2048(1920) x 1080p24/sF24
		2048(1920) x 1080p23.98/sF23.98
		2048(1920) x 1080p25/sF25/i50
		2048(1920) x 1080p30/sF30/i60
		2048(1920) x 1080p29.97/sF29.97/i59.94
	Dual link 4:2:2, 10bit	2048(1920) x 1080p50/p59.94/p60
		2048(1920) x 1080p24/sF24
	Single link 4:2:2, 10bit	2048(1920) x 1080p23.98/sF23.98
		2048(1920) x 1080p25/sF25/i50
		2048(1920) x 1080p30/sF30/i60
		2048(1920) x 1080p29.97/sF29.97/i59.94
		2048(1920) x 1080p24/sF24
		2048(1920) x 1080p23.98/sF23.98
		2048(1920) x 1080p25/sF25/i50
	3D 4:2:2, 10bit (Single link x 2)	2048(1920) x 1080p30/sF30/i60
2048(1920) x 1080p29.97/sF29.97/i59.94		
2880 x 2160p24/p25/p30		
1920 x 1440p24/p25/p30		
Control	GPI	D-Sub 15pin
	RS-422	D-Sub 9pin
	USB	1port for user setting
Display	LCD panel	3.5inch
	Color depth	8bit
	Resolution	320 (H) x 240 (V)
	Display	Video, audio level, time code, thumb nail, menu, status, error
	LED	power, ope lock, alarm, SSD ready
Storage	Device	SSD, Solid State Drive
	Redundancy	parity
	Removable	10,000times
File transfer	PC	600MB/s with file transfer tool, IM-1502

General	eSATA	depending on PC specifications 90MB/s
	Voltage	DC12V (10 to 36V)
	Power consumption	25W, typical
	Operating temperature range	0 to 40°C
	Operating humidity range	10 to 80%RH (no condensation)
	Dimensions	95(W)×130(H)×180(D)mm (excluding projected parts)
	Weight	Approx. 3kg

Operation

STOP-PB

Right after recording stop, you can see picture, folder name, clip name, time code and memory capacity.



STOP-EE



RECORD

You can see picture during recording.



MENU

In the menu mode, you can see and set menu list such as clip management, video/audio parameter setting and save/load.



CLIP

Folder 001 has clip 01 to 06, folder 002 has clip 01 and 02.



001				
-01	04/03	12:07	00:22:25:01	0
-02	04/03	12:07	00:22:45:18	0
-03	04/03	12:08	00:23:03:16	0
-04	04/03	12:08	00:23:13:00	0
-05	04/03	12:08	00:23:15:03	0
-06	04/03	12:11	00:25:58:15	0
002				
-01	04/03	12:12	00:27:23:12	0
-02	04/03	12:12	00:27:26:01	0