



Single & Dual Compact Flash Rugged MPEG-2 Digital Video Recorder

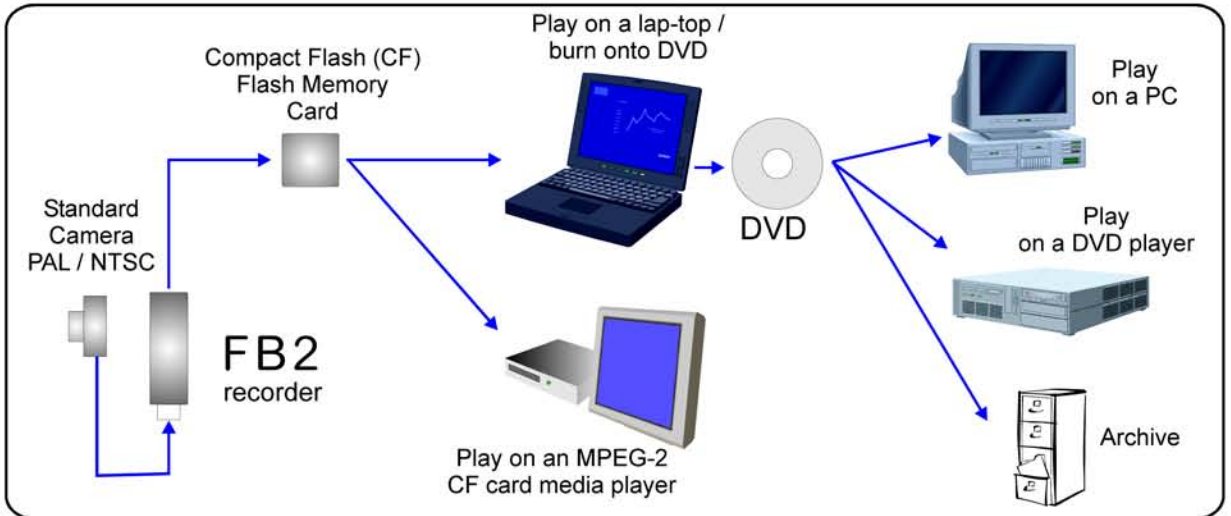
- ***Rugged & compact real-time MPEG-2 video & audio recorder.***
- ***Records to single or dual Compact Flash (CF) memory cards, playable on a PC / laptop.***
- ***Up to 8 hours of high quality recording.***
- ***Stereo line & mic level audio recording.***
- ***6 to 15 V DC powered with low current consumption.***
- ***Rugged & light weight with no moving parts.***
- ***"Burnt in" on-screen date and time***
- ***Files may burnt to DVD disk, viewable on low-cost DVD players.***

The FB2 is a revolutionary video recorder, capable of recording high quality video and audio in a small, light, rugged package. The FB2 records onto one or two high speed Compact Flash (CF) memory cards. Once a recording has been made, the card can be removed and immediately viewed on a hardware CF media player or PC/MAC. As FB2 recordings are fully MPEG-2 compliant, the footage can be burnt to a DVD and played back on domestic players.

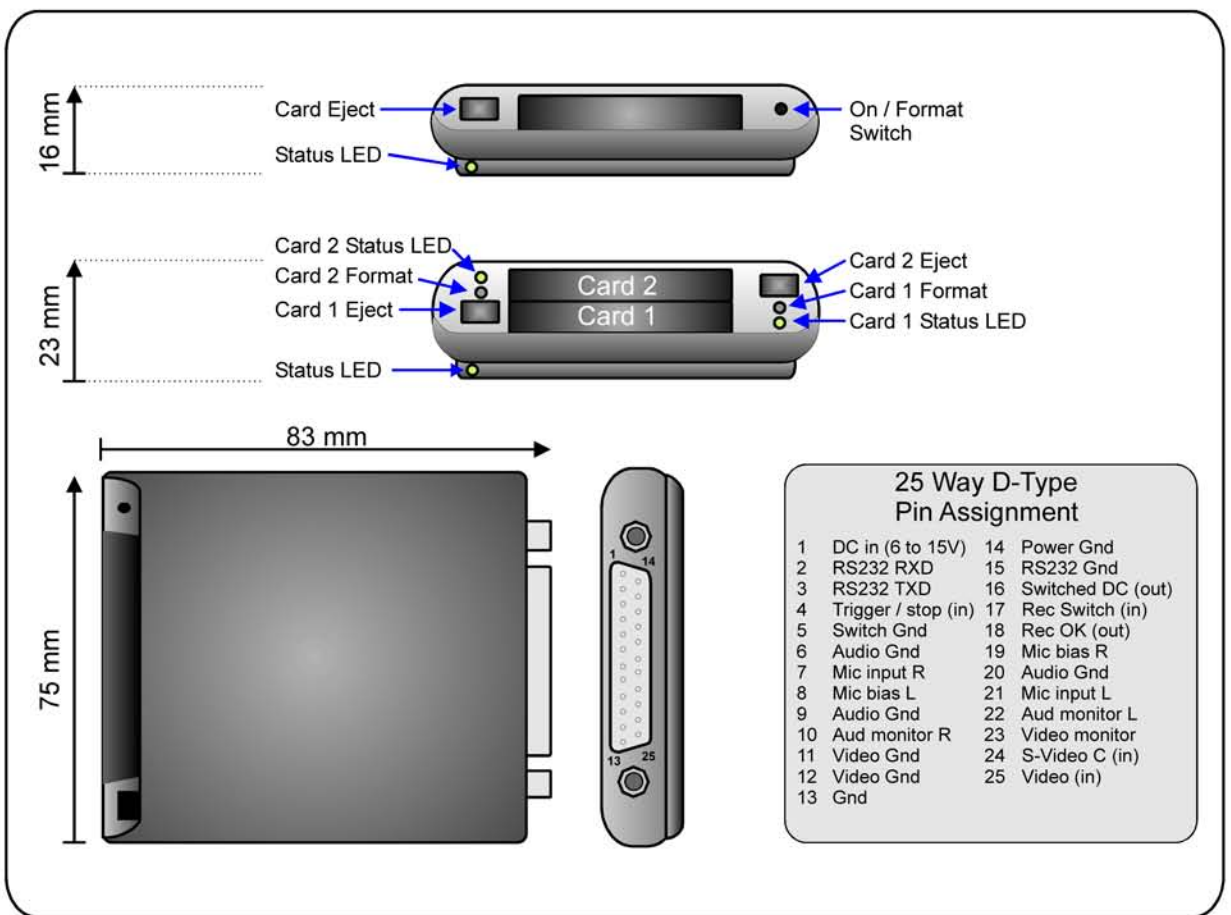
The recorder is DC powered and has stereo audio (mic/line level), composite and Y/C video inputs. Stereo audio and video outputs allow for monitoring during stand-by and recording. The system is easily configured for video quality, audio and triggering method using a PC-based utility. Various remote controls options are available.

Housed in a small, rugged enclosure (also available as a fully sealed IP68 unit) the FB2 is ideal for extreme sports, covert applications or harsh environments where high quality video is required without the risk of vibration or shock disrupting the recording.

The FB2 has been proven in Motorsport, Military and law-enforcement applications where small size, low weight and high reliability are essential.



Application Diagram



Dimensions & Interfaces

Outline Specification			
General:		Video:	
Operating temperature range	0 to +45°C. (-10 to +60°C optional)	Video standards supported	PAL & NTSC
Mechanical size (housed)	single 75 x 83 x 16 mm. dual: 75 x 83 x 23 mm.	Video compression	MPEG-2
Finish	Hard anodised aluminum.	Video Input level	1 Vpp into 75Ω
Weight (housed, no cards)	Single 115g, dual 145g.	Digital sampling (PAL)	576 lines by 720 pixels
Operating voltage range	6 to 15 V DC	Power-up to record time	< 2 seconds
Power consumption	< 3 Watts	Record time (approx)	very high quality: 15 mins / GByte high quality: 25 mins / GByte low quality: 1 hour / GByte
Current consumption at 12 V	225 mA (approx.)	Audio:	
Standby current consumption	< 220 uA	Number of channels	2 (stereo)
Disk interface	CF Card	Compression	MPEG-1 level 2
Input / output connector	25 way D-Type socket.	Input level	Mic / line (adjustable)
Record control	Record on contact to Gnd or triggered record for preset time	Mic bias	3.3 v
		Configuration	via RS232 port & PC application.