

FlashBack

Covert Video Recorder



Compact & Rugged High Quality MPEG2 Digital Video Recorder

- I *Real-time MPEG-2 compression video & audio recorder.*
- I *Records to removable PC or Compact Flash memory card, playable on a PC / laptop.*
- I *Up to 3 hours of high quality recording.*
- I *Optional line & mic level, stereo audio recording.*
- I *6 to 15 V DC powered*
- I *Rugged, small and light weight with no moving parts.*
- I *"Burnt in" on-screen date and time*
- I *Utility to archive to DVD disk viewable on consumer DVD players.*

FlashBack is a highly compact digital video recorder designed especially for covert applications. The system utilises broadcast standard MPEG-2 video compression to record high quality real-time video and audio to a PC / Compact Flash memory card. Once a recording has been made, the flash disk may be removed and played on a PC or laptop using a standard media player application.

The unit is housed in a small and rugged enclosure, ideal for covert installations. The system is DC powered and has optional audio inputs at microphone or line level. As FlashBack is small and contains no moving parts the unit is capable of operation where normal VCRs are not. With FlashBack, recording in harsh environments, such as continual shock and vibration over extended temperatures, is now possible.

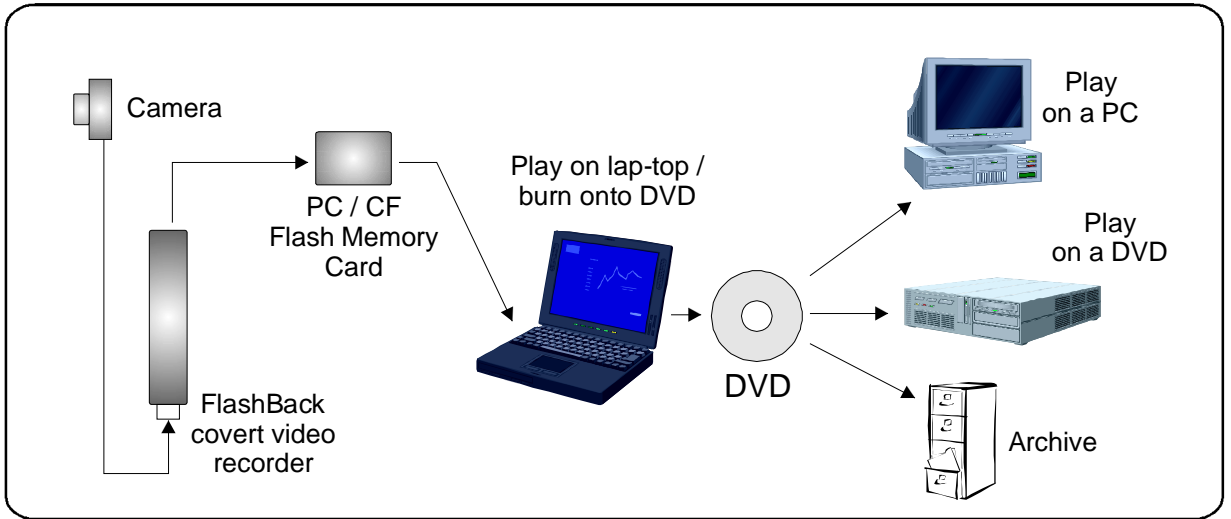
FlashBack includes an internal onscreen text display so date and time may be burnt onto the recorded video. The data on the flash disk may also be encrypted so that only users with a correct passcode are able to view the pictures. A PC software utility is available to allow archiving of the recordings directly to a DVD disk which can then be viewed on either a PC or a consumer market DVD player.

Ross Associates
12305 Triple T Lane
Prescott Valley
AZ, 86314

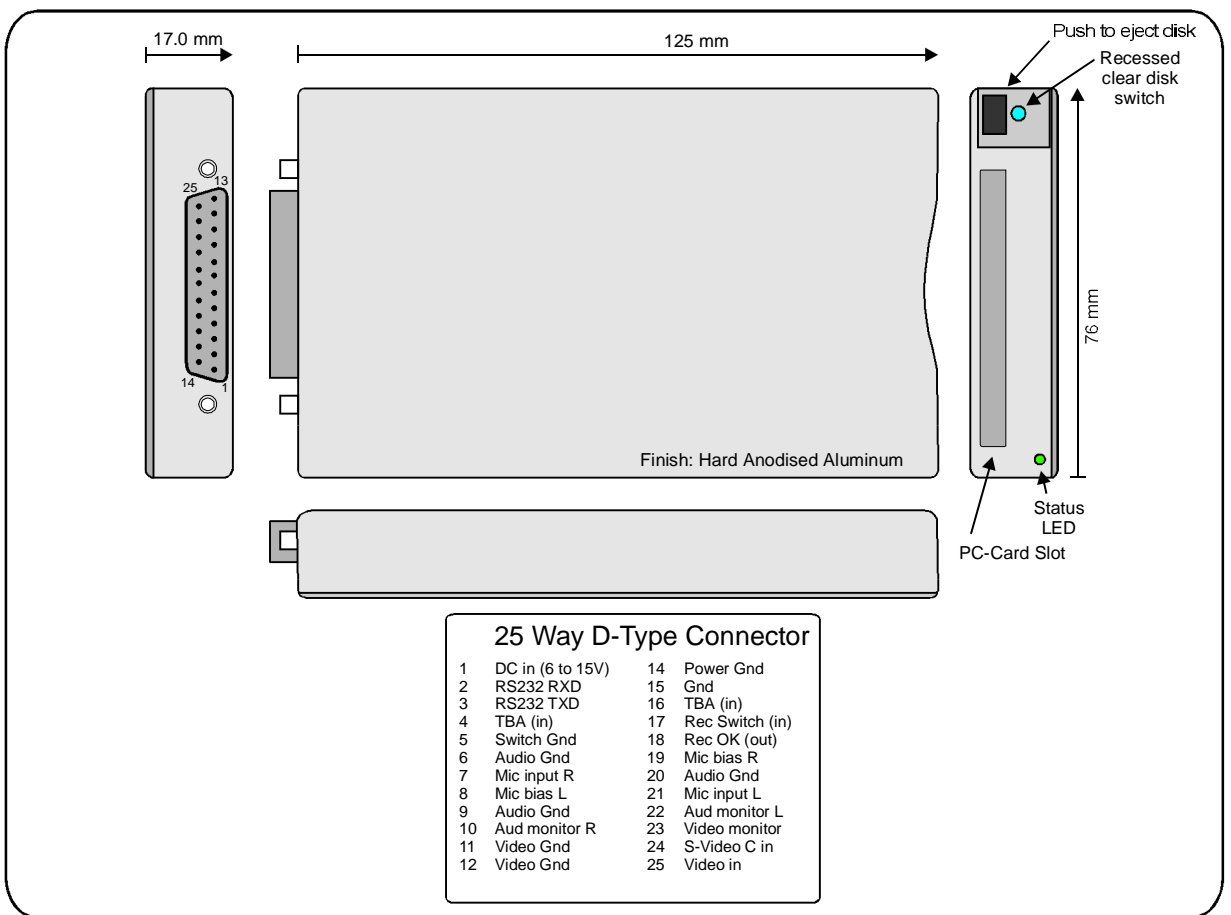
Tel: 909-981-8855
Fax: 909-981-7386
Email: sales@Covert-Systems.com
Web site: www.Covert-Systems.com

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FlashBack Application Diagram



FlashBack Dimensions & Interfaces

Outline Specification			
General:		Video:	
Operating temperature range	0 to +45°C.	Video standards supported	PAL & NTSC
Mechanical size (housed)	125 x 76 x 17 mm.	Video compression	MPEG-2
Finish	Hard anodised aluminum.	Video Input level	1 Vpp into 75Ω
Weight (housed)	170 g.	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	high quality: 30 mins / G Byte medium quality: 1 hour / G Byte
Current consumption at 12 V	250 mA (approx.)	Audio:	
Standby current consumption	< 220 uA	Number of channels	2 (stereo)
Disk interface	PC / CF Card (PCMCIA)	Compression	MPEG1 level 2
Standard accessories	User guide, interface lead.	Input level	Mic / line (adjustable)
		Mic bias	3.3 v

Please note, the above information is preliminary and the developer reserves the right to change specifications without notice. E&OE.