



mission equipped

AIRCRAFT VIDEO/VGA DISPLAYS

DVCR-2640

MINI DV FORMAT DIGITAL TAPE VIDEO RECORDER



Designed as a compact video recording solution the DVCR2640 offers digital quality recording from on board camera systems. Being DZUS mounted, the unit can be fitted into a standard radio rack rail, or conveniently positioned elsewhere. A full remote control is available allowing the unit itself to be mounted out of reach of the operator. Using standard MINI DV digital tapes, the recorder offers up to 84 minutes of high quality recording or can be stacked with a second machine to double the available recording time to nearly three hours. When two decks are used together, a dual deck controller enables operators to choose whether to record onto both simultaneously (and use one for instant playback in the aircraft whilst the other continues recording) or switch automatically to the second deck when the tape is low in the first deck.

FEATURES INCLUDE

- High quality digital recording
- Vertical or horizontal mounting
- Front panel loading
- 24/28V DC or 12V DC options
- Dust resistant
- Shock & vibration resistant
- Perfect slow motion replay
- Remote control options
- 5 minute end of tape warning
- Multi-deck controller options

SKYQUEST LTD

Units 19/20 Woodlands Farm
Spring Lane
Cookham Dean
Berkshire
SL6 9PN
Tel: 01628 891017
Fax: 01628 476053

International Customers:

Tel: +44 1628 891017
Fax: +44 1628 476053

Email: info@skyquest.co.uk
Web: www.skyquest.co.uk



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Specifications

Physical	DVCR	Remote Control unit
Dimensions	146(w)x76(h)x170mm(d)	146(w)x38(h)x47(d)
Weight	990gms	171gms
Mounting	4 Dzus Fasteners	4 Dzus Fasteners

Environmental	Designed to meet	
EMC	Def Stan 59-41 Class A tests, 14kHz - 1GHz DRE01-E Field emissions, DRE02-H field emmissions DRS01-H field susceptibility DRS02-E field susceptibility	
Temp	Def Stan 00-35, (part3)/2 , tests CL1,CL4, -25 ° C ~ +40 ° C	
Shock	Def Stan 00-35, (part3)/1, test M12s	
Vibration	Def Stan 00-35 (part3)/2 test M1	

Recording Systems	2 Head, helical scanning	
Audio Recording Systems	Rotary head PCM Quantisation: 12 bit (Fs 32KHz, stereo1, stereo 2) 16 bit (Fs 48KHz, stereo)	

Video Signal	PAL colour, CCIR. (NTSC option)	
Cassete Type	Mini DV	
Tape Speed	SP 18.83 mm/sec	

Recording/playback time	84 minutes SP (Nominal dependant upon tape length, 60, 80 & 90 min tapes)	
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Input/Output Connectors

Video In	BNC	
Video Out	BNC	
Stereo Audio in/out	Phono	
Power	5 Pin LEMO	+28v supply
	28v return	
	Lamp Supply	
	Lamp return	
	Spare	
Remote/Multideck	19 pin Lemo	12vdc
	Video in	
	Video ret	
	Video out	
	Video ret	
	Audio 1 in	

OTHER PRODUCTS

AIRCRAFT VIDEO/VGA DISPLAYS

- » 4" Display
- » 6.5" Display
- » 8.4" Display
- » 9" CRT Display
- » 10.4" Display
- » 12.1" Display
- » 15" Display
- » 18" Display
- » 20.1" Display

EMBEDDED PC SMART DISPLAYS

AIRCRAFT VIDEO RECORDERS

- » Hard Disk Digital Recorder
- » Compact Flash Recorder
- » SHVS Recorder

MOVING MAPS

DIFFERENTIAL GPS

- » Differential GPS (DGPS)
Standard & High
Performance System

VIDEO / RADAR CONVERTERS

- » RDR 1500 Radar
Converter
- »VGA To Video Converter
- »VGA To STANAG 3350 Converter

AIRCRAFT

INSTALLATION / BRACKETS

- » NVG Cockpit Equipment
Modifications
- » Camera Brackets &
Equipment Consoles

MICROWAVE LINKS / DATALINKS

- » Long Range Automated Steerable Tracking Datalink
System
- » Low Cost Short Range Omni-Direction System

CARGO HOOK CAMERA

GPS SPLITTER / AMPLIFIER

VIDEO DISTRIBUTION SYSTEMS