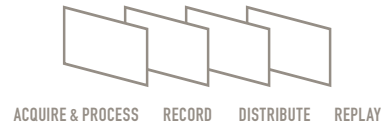


DATA SYSTEMS



MCRC

Mission Recorder Cockpit Remote Control



MISSION DATA MANAGEMENT

ENERTEC

The mission recorder cockpit Remote Control Unit is mounted in a cockpit dashboard and connected to a recorder system. It shows status information on the NVG compatible display and can remote control the Mission Recorder System.

Safran Data Systems offers Embedded Information Management Solutions in a variety of rugged, versatile, scalable equipment and associated services, providing efficient, reliable, and affordable resources for **field/mission data acquisition, processing, storage, exploitation and dissemination**, for on board operation manned or unmanned ground, air and sea vehicles



Pilot Training & Debriefing



ISR, Search & Rescue



Mission Data Loading & Data Transfer

REMOTE CONTROL OF THE MISSION RECORDER

STANDARD INSTALLATION EASY TO HANDLE

COMPATIBLE WITH THE VS MISSION RECORDER PRODUCT FAMILY

IRIG106 Ch6 Remote Command & Control

QUALIFIED FOR HARSH ENVIRONMENT

DO-160, MIL-STD-704, -461, -810

EXTREMELY LOW SPACE REQUIREMENTS

TECHNICAL SPECIFICATIONS

General characteristics

Power consumption:max. 15W
 Power input: 9-30V DC designed to MIL-STD-704F
 Dimming: Illumination is dimmable by an external DC voltage
 between 0 and 28 V
 A gain factor can programmed to use a range less
 than 0-28 V e.g. 0-12 V
 Dimensions: ca. 146mm x 57mm x 50.1mm (w x h x d)
 Weight: ca. 700g

Environmental specification

Temperature (operationnal), MIL-STD-810F
 Method 501 Procedure II +71°C
 Method 502 Procedure II -40°C
 Temperature (storage), MIL-STD-810F
 Method 501 Procedure I +85°C
 Method 502 Procedure I -50°C
 Humidity, MIL-STD-810F
 Method 507 95% rel. h. non-condensing
 Altitude, MIL-STD-461F
 Method 500 Procedure II 21.000 m
 RFI, MIL-STD-461F
 Method CE101 Class: Army Aircraft, 28 V or below
 Method CE102 Class: 28 V
 Method RE101 Class: Navy Applications
 Method RE102 Class: Aircraft, Fixed Wing Internal <25m
 Method RS101 Class: Army Applications
 Method RS103 Class: Aircraft External
 Vibration, MIL-STD-810F
 Method 514 Category 24, general use, scaled to 10 grms
 Shock (operational), MIL-STD-810F
 Method 514 Procedure I 20 g 11 ms
 Shock (operational), MIL-STD-810F
 Method 516 Procedure V 40 g 11 ms
 Acceleration, MIL-STD-810F
 Method 513 20 g

**MISSION RECORDER COCKPIT
 REMOTE CONTROL**

Case colormax. 15W
 Operating mode 9-30V DC designed to MIL-STD-704F
 Display 20 characters green (NVIS GREEN B display filter
 LEDs 3 (status for SYSTEM, TIME, MEDIA), GREEN A
 Buttons 6 (REC, STOP, MODE -, +, EVENT)
 Button color 37038 FED STD 595
 Button legend color 37925 FED STD 595
 Illumination MIL, TDL 7788 TYPE VII, CLASS 1 NVIS; GREEN A
 Luminosity Dimable for daylight, night and NVG operation. Dimming
 values in proportion to a voltage value on a connector pin.
 Interfaces
 Ethernet 10 BASE-T
 Serial RS232

**COMPATIBILITY WITH OTHER
 PRODUCTS OF THE PORTFOLIO**



ENERTEC

VS1410 Video & Data Recorder / Server



VS1210 Video & Data Recorder / Server

GROUND PRODUCTS

Safran Data Systems proposes fixed or mobile stations to replay video and data from multiple cartridges.
 Safran Data Systems offers ground replay software package with user-friendly interface for video, audio & data playback, display and for media management.

- Ground replay and exploitation in standard PC/Windows®
- Environment FAT-32 recording format (recommended for single-channel recording)
- IRIG 106 Chap 10 recording format (recommended for multi-channel recording, including video and data bus)
- Video/data replay using eZ Viewer Software or third-party software



eZ Viewer Software

GLOBAL SALES

5, Avenue des Andes - CS 90101 - 91978 Courtaboeuf Cedex - FRANCE - Tel.: +33 1 69 82 78 00 - Email: sales.sdsy@safrangroup.com

USA

3005 Business Park Dr - Norcross, GA 30071 - USA - Tel.: +1 770 753 4017 - Email: sales@SafranDataSystemsUS.com

