

Features

- Airborne docking station for two DVM-21 recording modules
- Provides power and I/O interface
- Each module record 1 video and two audio channels
- Compatible with Sekai DVM-LAW tamper proof modules

General Description

The Sekai ADV-D2 is a compact airborne docking station that supports up to two digital video modules. The docking station provides I/O interface and power interface to the aircraft for the modules. Mechanical mounting interface is provided by hooks and guide pin receivers with a standard footprint compatible with many existing mounting trays. Two DVM-21 digital video modules can be operated with the docking station, each module records one video channel and two audio channels.



Specifications

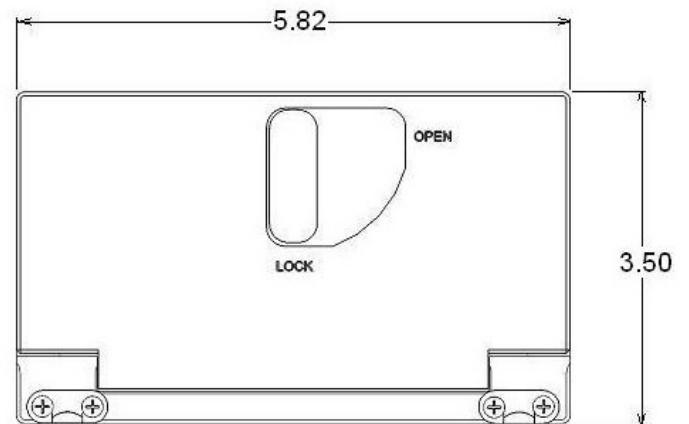
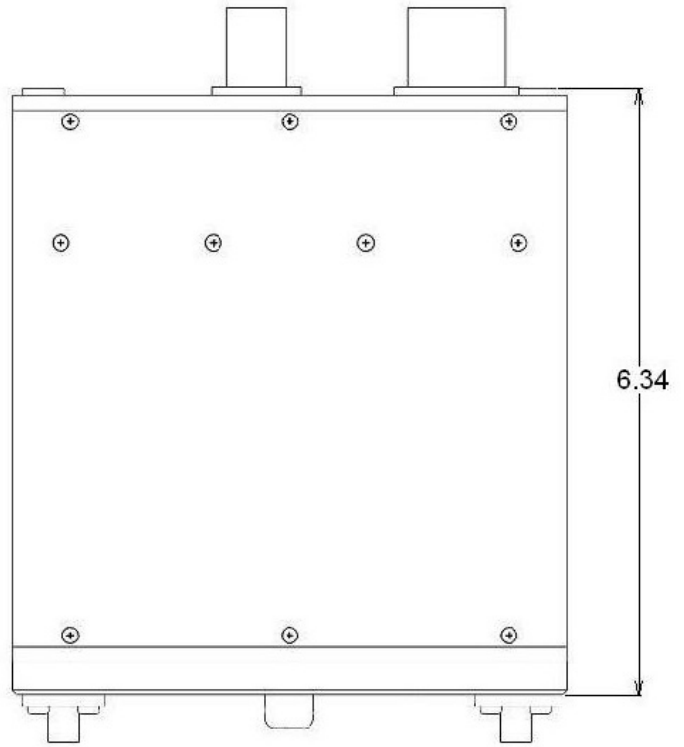
Power Requirement	28VDC, Mil-Std-704D
Power Consumption	<10W
Dimensions	5.82" x 3.5" x 6.34"
Weight	
Connectors	MIL-C-38999 Series III

Control Interfaces

Digital Serial Commands Status	RS-232 (optional -422) All typical VCR modes All typical VCR status
Discrete Commands Status	Switch closures Basic operation modes Basic operation status

Environmental Specifications*

High Temperature	MIL-STD810E, Method 501.3 Procedure I: +80°C (Storage) Procedure II: +55°C (Operational)
Low Temperature	MIL-STD-810E, Method 502.3 Procedure I: -54°C (Storage) Procedure II: -40°C (Operational)
Acceleration	MIL-STD-810E, Method 513.4 Procedure II, 15G's, all axes
Vibration	MIL-STD-810E, Method 514.4 (Jet Aircraft & Helicopter profiles)
Shock	MIL-STD-810E, Method 516.4 Procedure I & V, 40G's 6-9msec Procedure IV, 122cm* Procedure V, 75G's 6-9msec
Altitude	MIL-STD-810E, Method 500.3 Procedure II, -15,000*ft to 60,000ft
Humidity	MIL-STD-810E, Method 507.3 Procedure III*
Salt Fog	MIL-STD-810E, Method 509.3
Sand and Dust	MIL-STD-810E, Method 510.3 Blowing Dust (para II-1.1.1)
Explosive Atmosphere	MIL-STD-810E, Method 511.3 Procedure I
EMI	MIL-STD-461D / 462D RE-102 CE-102



*Design Goals
All information subject to change without notice