

USB Flash Drive and SD Card Support  
Ethernet Ports Enable Quick Upload/Download of Data

# SSDTU

## Solid-State Data Transfer Unit

Centralized Data Transfer to and From Multiple LRUs  
Lightweight, Solid-State Hardware  
Fixed and Portable Versions



## Adding Speed and Ease of Use to Your Data Transfers

Supporting Universal Serial Bus (USB) and Secure Digital (SD) media, the Solid-State Data Transfer Unit (SSDTU) represents the next generation of data upload and download equipment for your aircraft.

Easily accessible, high-speed media ports are conveniently located in the faceplate allowing for quick data file transfers between a USB drive or SD card and the aircraft's avionics systems. The SSDTU interfaces with up to eight Universal Avionics Line Replaceable Units (LRU) creating a centralized uploading / downloading center for:

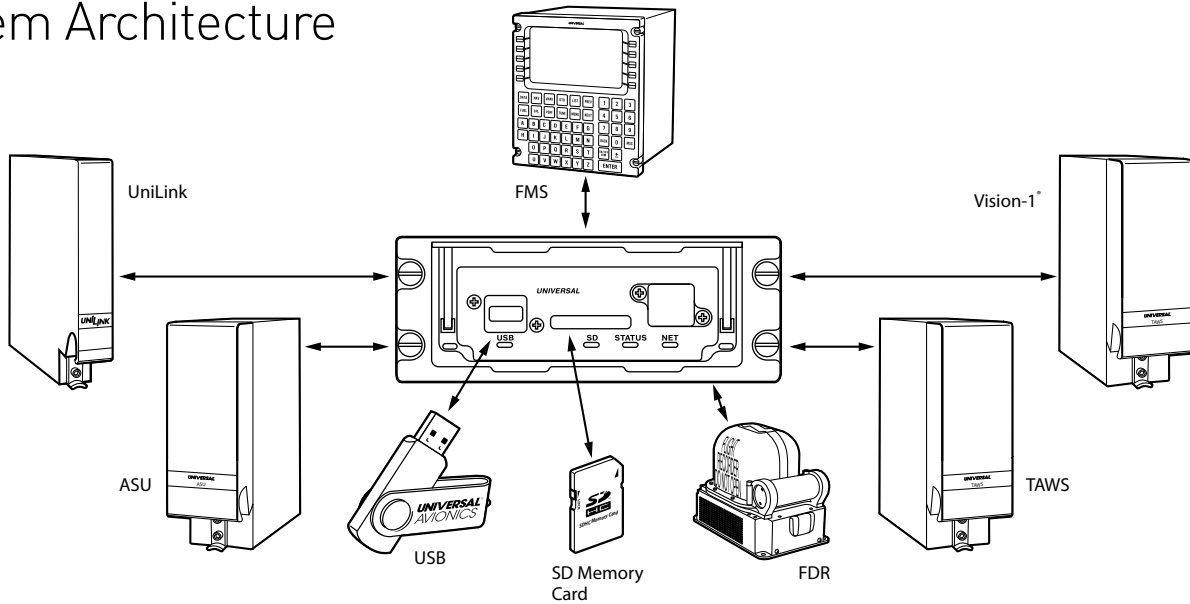
- Flight Management System (FMS) databases and Internal Flight Data Recorder (IFDR) downloads
- Terrain Awareness and Warning System (TAWS) terrain, airport and obstacles databases
- Vision-1® Synthetic Vision System databases
- Charts, checklists and E-DOCS for the Application Server Unit (ASU) and its predecessor, Universal Cockpit Display (UCD) system
- UniLink® Communications Management Unit (CMU) databases
- Flight Data Recorder (FDR) download

Data files are transferred between the media ports and interfacing LRUs using a high-speed Ethernet data bus connection. To accommodate a variety of aircraft configurations, the SSDTU is available in fixed-mount and portable versions.

The SSDTU is designed to eliminate the dependence on obsolete floppy and ZIP disks required by the DTU and DTU-100, as well as the CD/DVD-ROM of the Accessible Data Unit (ADU).

**UNIVERSAL**® AVIONICS  
SYSTEMS CORPORATION

# System Architecture



## Specifications

### Hardware

Bezel Size: 2.25 in. H x 5.75 in. W  
 Depth: 7.76 in. (back of bezel to rear of connector)  
 Weight: 2.4 lbs.  
 Mounting: Dzus  
*Portable unit is also available*  
 Faceplate Color: Gray or Black  
 Hard-wired to NCU

### Data

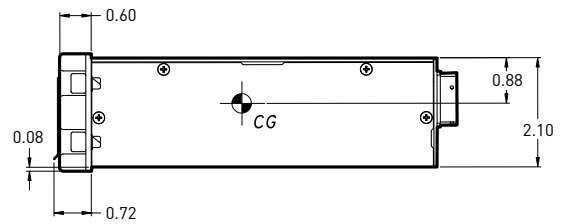
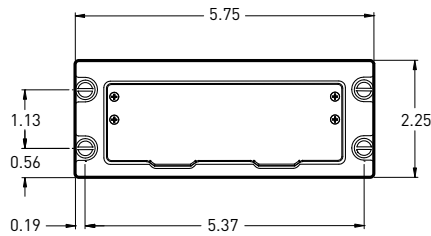
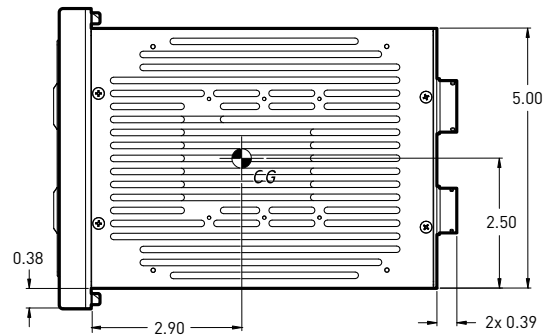
Format: Digital  
 Input: SD Card or USB Flash Memory  
 Bi-directional data transfer via 10/100 Mb Ethernet

### Power

27.5 VDC nominal  
 28 Watts nominal

### FAA TSO/ETSO

TSO C109  
 ETSO C109



## UNIVERSAL AVIONICS SYSTEMS CORPORATION

Features and capabilities are representative of systems at time of printing. Please contact your Universal Avionics sales representative for the latest system enhancements. Specifications contained herein are subject to change without notice.

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