



SkyView Integrated Glass Cockpit Data Sheet

SkyView, The Next Generation of Glass Panel Avionics for Experimental and Light Sport Aircraft



Experimental and LSA pilots know that they have the most technologically advanced GA aircraft flying. *SkyView* continues that tradition with the next generation of glass panels, including features that exceed those of systems costing much more. *SkyView* offers fully redundant networks and systems, incredibly bright screens, design flexibility, worldwide terrain, and future upgradability unsurpassed by any other glass panel system.

Mechanical Specifications: 3-D mechanical drawings and weights are on our Website at www.DynonSkyView.com.

System Components: The system architecture is shown on the back.

Trade-ins: We appreciate our customer's return business, and are offering credit to customers upgrading their Dynon systems. Trade in your Dynon EFIS and/or EMS and we will credit 1/2 the list price towards the purchase of a new *SkyView* system. There are details and limitations which are listed on our Website.

Pricing:

A single 7" PFD System is only **\$3,900!**

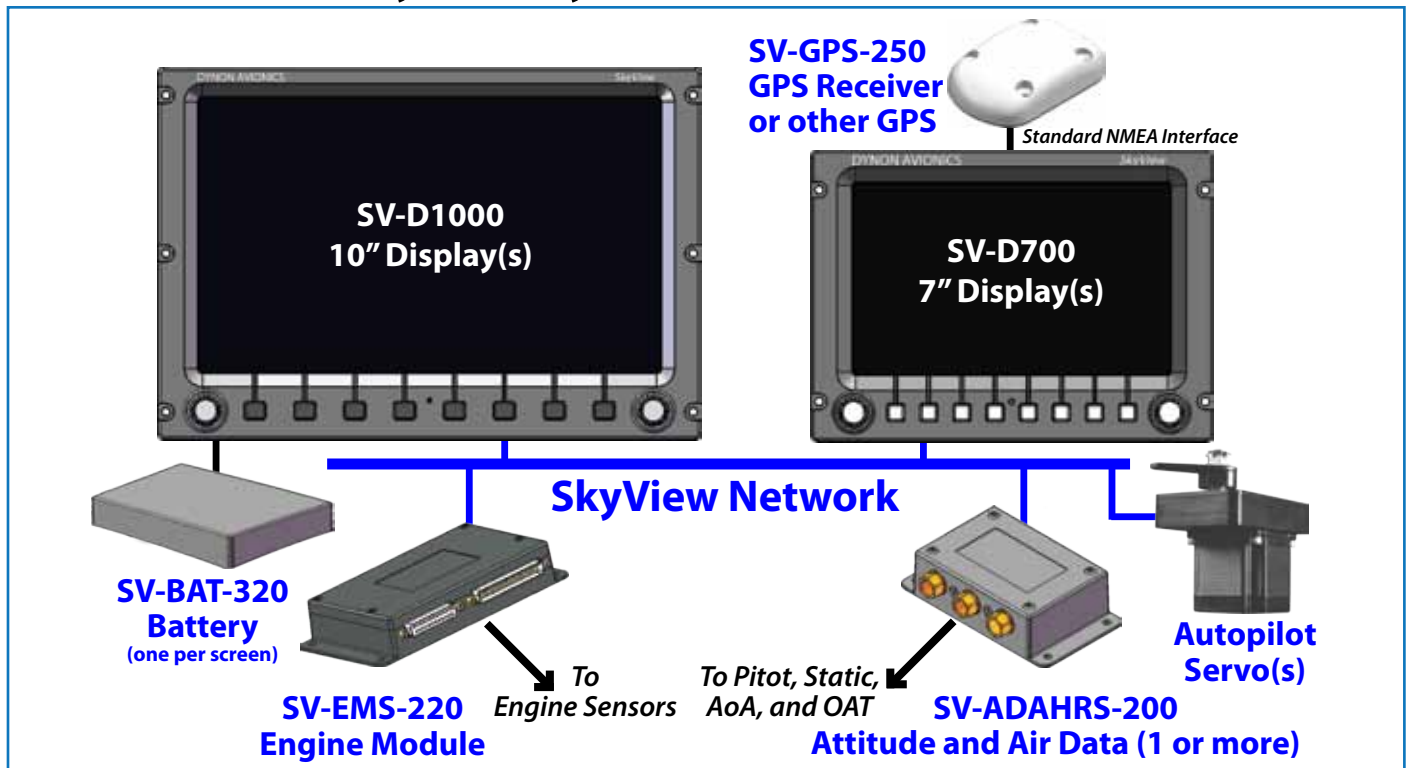
A single 7" PFD and Engine Monitor is only **\$4,500.**

An "Ultimate System" with dual 10" Displays, redundant ADAHRS, Engine Monitor, and Backup Battery is only **\$9,980.**

SkyView Module Pricing:

SV-D700 7" SkyView Display (includes main wiring harness)	\$2,700
SV-D1000 10" SkyView Display (includes main wiring harness)	\$3,600
SV-ADAHRS-200 SkyView Air Data Attitude Heading Reference System - First	\$1,200
SV-ADAHRS-201 SkyView Air Data Attitude Heading Reference System - Additional	\$800
SV-EMS-220 SkyView Engine Monitoring Module (engine sensor kits additional)	\$600
SV-MAP-270 SkyView Navigation Mapping Software (*not yet available)	\$500*
SV-GPS-250 SkyView GPS 5Hz Receiver Module	\$200
SV-BAT-320 SkyView Backup Battery	\$180
SV-NET-XX SkyView Network Cable with Tefzel® Wiring (various lengths)	varies with length
SkyView Autopilot Software included with every system (*not yet available)	\$0*

SkyView System Architecture



Advanced Displays: Very bright, high-resolution screens driven by advanced graphic processors create highly visible and readable displays. Screen resolutions are 1024x600 for the SV-D1000 10" and 800x480 for the SV-D700 7". Brightness is over 1350 nits for the 10" display and 1200 nits for the 7" display. Displays are fully dimmable for night flight.

Terrain: Worldwide synthetic vision and top-down terrain database.

Integrated User Interface: Multi-function control knobs (left, right, up, down, diagonal, push, and rotary) offer easy and intuitive control of your SkyView displays. EFIS, EMS, Synthetic Vision, top-down terrain view, and menu structures are all available with less than three button presses. Future functionality will include Autopilot, Moving Map (airport and airspace data), external video display, weather data, traffic, and complete COM radio, NAV radio, and transponder control.

SkyView Network: Every SkyView system display and module is connected by two independent power and data buses. The failure of any bus connection or module will result in automatic fail-over to a working bus or module.

Total System Battery Backup: The system battery will provide over an hour of backup power to displays and modules.

Flexible User Interface: The default screen setups are logical and functional, so you can start flying with a minimum of setup time. But as you determine your preferences and screen layouts, the displayed data can be configured in ways that work best for you.

Engine Module: The SV-EMS-220 can be mounted closer to the engine, allowing easier wire routing. Wiring harnesses make for easy connections between displays and modules. Note: the SV-EMS-220 cannot be mounted on the engine side of the firewall.

ADAHRS Module: The SV-ADAHRS-200 is a complete MEMS-based attitude reference and air data computer, integrated with a digital compass. This allows easier mounting and higher accuracy calibration between the system components. Additional SV-ADAHRS-201 Modules may be added to the system for redundancy.

GPS Receiver: The fast 5 Hz SV-GPS-250 connects to the system backup battery for greater reliability. Other NMEA compatible GPS receivers may also be connected to the SkyView system and used in lieu of or redundant to the SV-GPS-250.

Compatibility: Your existing Dynon engine monitor sensors and harness will work with the new SV-EMS-220 Engine Module. Your existing Dynon Servos will work with the SkyView system, including a redundant network connection. Your existing Dynon pitot probes will also work with the SkyView system. (Note, Autopilot software is to be added shortly.)

USB Updates: Convenient program and data updates via USB memory stick.

More Information: The latest information is always available at www.DynonSkyView.com.