



Go Fly™



SkyView Integrated Glass Cockpit Data Sheet

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.

Warranty Dynon instruments come with an industry leading 3-year warranty.

Integrated Features

- o GPS Navigation
- o Synthetic Vision
- o Traffic
- o 2-Axis Autopilot
- o Engine Monitoring
- o Worldwide Navigation Data
- o IFR Redundancy
- o Mode-S Transponder
- o ARINC-429
- o Pilot-Designed Interfaces
- o High Resolution Terrain

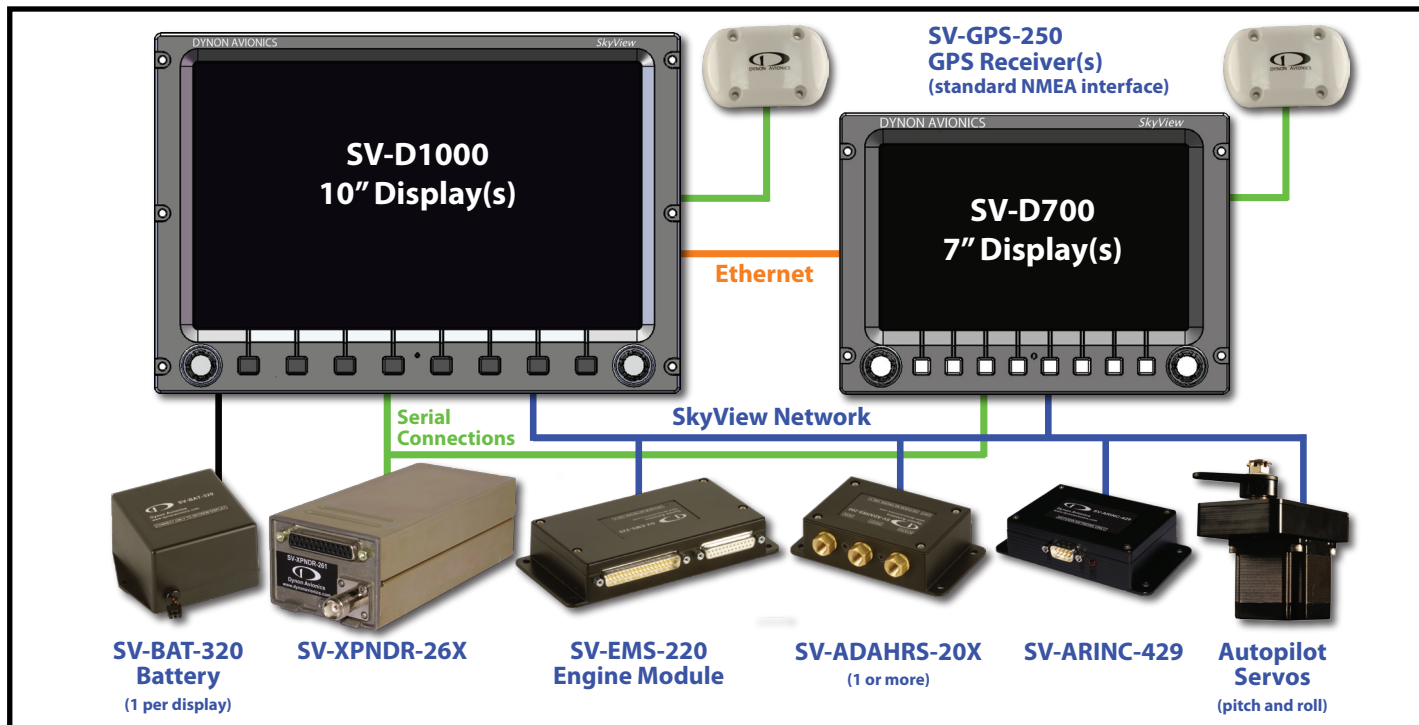
- Pricing**
- o A single 7" PFD System is only **\$4,835.**
 - o A redundant IFR system is only **\$9,825.**
 - o US FAA navigation and obstacle data is **\$Free.**



SkyView Pricing:

SV-D1000 10" SkyView Display (includes \$90 main wiring harness and \$100 Synthetic Vision)	\$3,600
SV-D700 7" SkyView Display (includes \$90 main wiring harness and \$100 Synthetic Vision)	\$2,700
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-ARINC-429 SkyView ARINC 429 Interface Module	\$475
SV-MAP-270 SkyView GPS Navigation Mapping Software (one license per aircraft)	\$500
SV-SYNVIS-280 SkyView Synthetic Vision (Included in SV-D1000 Display bundle above)	\$100
US FAA Navigation 28-Day Database Updates, including Obstacles - Free from Dynon	\$0
Jeppesen Navigation and Obstacle Database Updates - Purchased from Jeppesen (single update/annual subscription) Regional: nav only \$60/\$175, nav+obstacles \$105/\$315 Worldwide: nav only \$100/\$295, nav+obstacles \$180/\$530.	
SV-XPNDR-261 SkyView Mode-S Class 1 Transponder (for high performance aircraft)	\$2,200
SV-XPNDR-262 SkyView Mode-S Class 2 Transponder (for <15,000 feet, <175 knots)	\$1,800
SV-GPS-250 SkyView GPS 5Hz Receiver Module	\$200
SV-BAT-320 SkyView Backup Battery	\$180
SV-NET-XX SkyView Network Cables with Tefzel® Wiring (various lengths, 3' to 30')	\$40 to \$70
SkyView Autopilot Software included with every system - just add servos!	\$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 and Navigation Data: Worldwide synthetic vision, terrain, navigation and obstacle databases are available.

Integrated Autopilot: Complete 2-axis autopilot with the addition of servos.

Integrated User Interface: Multi-function joysticks (left, right, up, down, diagonal, push, and rotary) offer easy and intuitive control of your SkyView displays. EFIS, EMS, synthetic vision, transponder, autopilot, top-down terrain view, and menu structures are all available with less than three button presses.

Transponders: An integrated Mode-S transponder saves panel space with control and annunciation appearing on the SkyView displays. The light weight transponder module can be mounted anywhere in the airplane that is convenient.

Traffic: SkyView displays traffic data from a variety of sources, displayed on both the moving map and synthetic vision using industry standard TCAS I symbology. Location, severity of threat, distance, vertical separation, and direction of motion are all displayed. Traffic data can be provided by a SkyView transponder, a Zaon XRX passive traffic receiver, a NavWorx ADS-B receiver, or any device that can output in the GTX-330 traffic format. This allows SkyView's traffic feature to be used anywhere in the world, and with many different technologies.

ARINC 429 Module: The SV-ARINC-429 makes SkyView compatible with certified GPS receivers, integrating with such radios as the Garmin 430/530. This includes advanced features such as GPS steering, CDI auto-scaling and vertical guidance from WAAS-enabled GPS receivers. This Module also enables the full suite of G430/530 VOR and localizer functionality.

Reliability Built In: The optional backup battery will provide over an hour of backup power to one display, network, GPS receiver, and modules. Each display needs its own backup battery. Dynon instruments come with a 3-year warranty.

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 should not 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 with an integrated digital compass. This allows easier mounting and higher accuracy calibration between the system components. Additional SV-ADAHRS-200 or SV-ADAHRS-201 Modules may be added to the system for redundancy.

GPS Receiver: The fast 5 Hz SV-GPS-250 is powered through the SkyView System, including backup battery for reliability.

G-Meter: The pilot selectable G-Meter combines a large, classic analog presentation with advanced digital functionality.

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

More Information: The latest information and pricing are always available at www.DynonAvionics.com.