



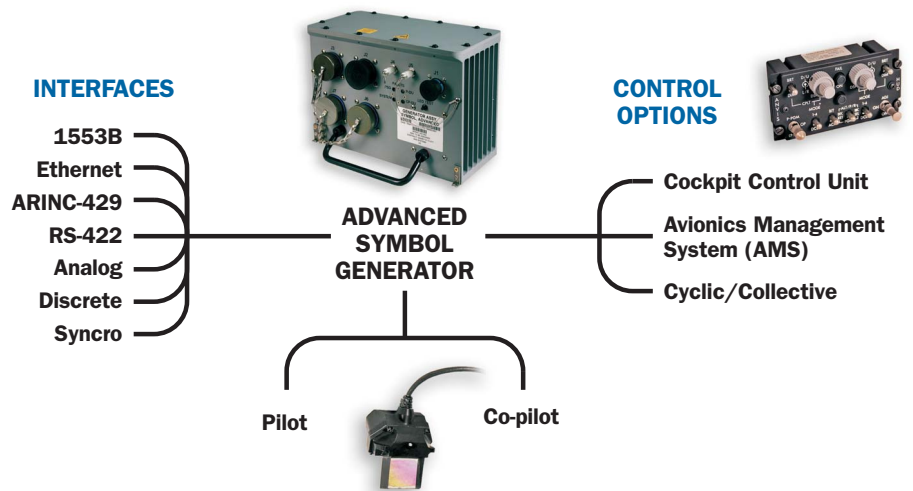
## Next generation technology for today's warfighter

### Specifications

- Advanced Symbol Generator (ASG)
  - Display output: raster, stroke, or digital
  - Power: 28 VDC, ~2 Amp, MIL-STD-704E
  - Interfaces: dual MIL-STD-1553B, ARINC-429, RS-232/422/485, dual Ethernet 100BaseT, analog, discrete, and synchro
- Display Unit (DU)
  - Display type: flat panel LCD
  - Field of view: 32° NVG mode, 25° day mode
  - Resolution: 512 x 512 pixels night mode, 480 x 480 pixels day mode
  - NVG compatibility: MIL-L-85762A
- System
  - Operating temperature: -40°C to +55°C
  - Environment: MIL-STD-810F
  - EMI/EMC/EMV: MIL-STD-461E / MIL-STD-462A Notice 1, ADS-37A, 200 V/M RMS

### Physical Characteristics

- ASG: 10.5 x 8.0 x 4.5 inches, 8.5 pounds
- DU: 2.7 x 1.6 x 1.0 inches, ~3.5 ounces
- Cockpit Control Unit (CCU): 3.6 x 5.7 x 3 inches, 1.1 pounds



### System features

- Supports real-time, high-resolution digital or analog displays
- Easily mounted to NVGs
- Adaptable to any aircraft platform, backward or forward fit installations
- Advanced PowerPC processor and ASIC architecture
- Eight independent pages (four normal, four with declutter)
- Pilot and copilot independently selectable symbols and display modes
- Pilot and copilot controls on CCU, AMS, collectives, or cyclics
- Built-In Test failure detection and reporting
- Provisions for future growth capabilities
- Two independent channels of CRT or digital video output
- ASG is also the weapons aiming display processor for the AN/AVQ-34B (MonoHUD) system

**FOR MORE INFORMATION CONTACT:**

Not export controlled

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