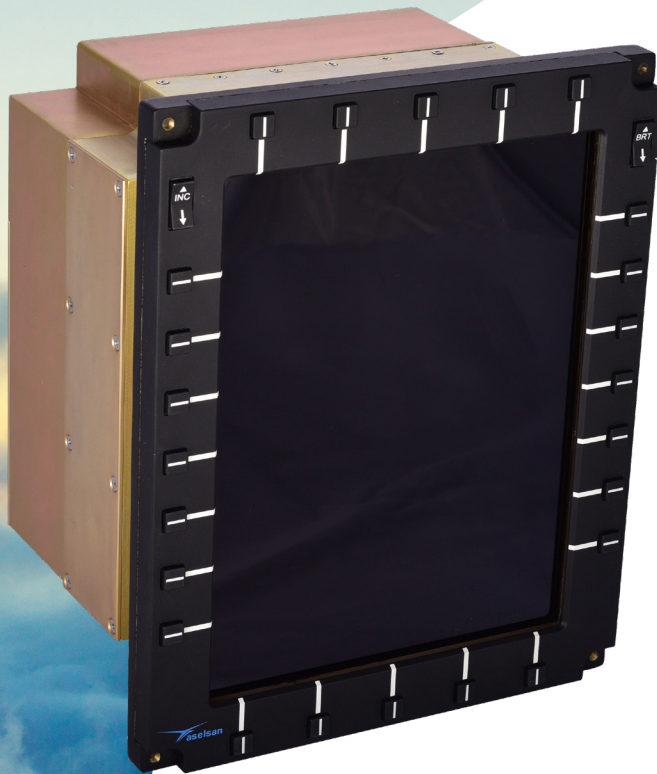


ADEN | GMFD 68

GRAPHICS MULTIFUNCTION DISPLAY

#Avionics



6" x 8" AMLCD ACTIVE DISPLAY AREA
1024 x 768 RESOLUTION
INTERNAL SYMBOLOGY GENERATION



aselsan

ADEN | GMFD 68

GRAPHICS MULTIFUNCTION DISPLAY

ADEN GMFD 68 smart multifunctional display is designed by ASELSAN to generate graphical operator interface and to be used in digital map applications by processing data provided by external avionics.

ADEN GMFD 68 central cockpit multifunctional display is using Active Matrix Liquid Crystal Display (AMLCD) technology, with an active display area of 6 by 8 inches.

ADEN GMFD 68 collects necessary data from other devices on the aircraft and generate and display operational concept graphics using internal processor and graphics processor.

ADEN GMFD 68 has the capability to display analog/digital video inputs. ADEN GMFD 68 provides to display just external video input, just graphics or external video with graphics overlay. ADEN GMFD 68 can also split screen to display external video and graphics or to display two different graphics.

ADEN GMFD 68 provides operator interface management capabilities (etc: primary display of flight, cockpit management information, digital map capabilities via bezel mounted function keys.

ADEN GMFD 68 detailed maintenance information can be provided via RS-485 interface.

General Specifications

- 1024 x 768 Resolution
- Wide Viewing Angle
- High Luminance
- NVIS Class B Compatible
- User Configurable Bezel Keys
- Portrait / Landscape Selection
- Compact Design
- Easy to Integrate
- Digital Moving Map Capability

Interfaces

- ARINC-429 Input / Output
- ARINC-708 Input
- Ethernet
- Serial Data Bus (RS-232 / RS-485)
- Discrete Input / Output
- SMPTE-292 HD-SDI Digital Video Input
- S-Video Input / Output
- Analog Audio Output

Physical Specifications

- Dimensions: 210 mm (W) x 262 mm (H) x 176 mm (D)
- Weight: < 6.5 kg

Technical Specifications

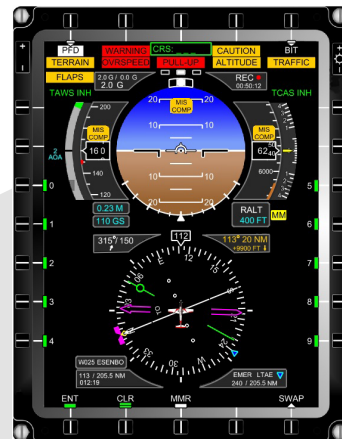
- Power Input: 28 VDC (Nominal)
- Power Consumption: 110W (Nominal) / 305W (Max)

Environmental Conditions

- Operating Temperature and Altitude: -40°C / +55°C, 15.000 ft
- Storage Temperature: -55°C / +85°C

Qualifications

- DO-160G / MIL-STD-810F
- MIL-STD-704F



Specifications are subject to change without any notice. | All tolerances are within ±10%.