

Argon Small Display – ASD84

Rugged Military Display for Dismounted or Mounted Operations



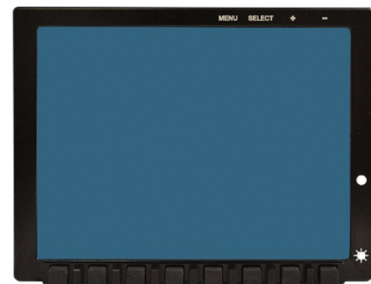
Argon offers a family of rugged military displays which are designed for airborne, land based vehicle or handheld applications. These displays have the smallest footprints on the market, are extremely lightweight and consume low power. The ASD84 provides excellent display performance where size, weight, and power are at a premium, and Argon stands ready to customize the unit to fit specific program needs.

Over the years Argon has been developing and delivering compact displays that can be used for mounted or dismounted operations. For dismounted, displays can be configured with a variety of controls and connectors and are suitable for interfacing to the soldier level computer and/or batteries. The displays use little power in normal operation. A touch screen and high brightness option are available. For mounting, a variety of helicoil inserts are available to ensure that the unit can be mounted for nearly any application.

Argon has several existing configurations to choose from or the display can be mechanically configured to meet your exact program requirements.

Main Features:

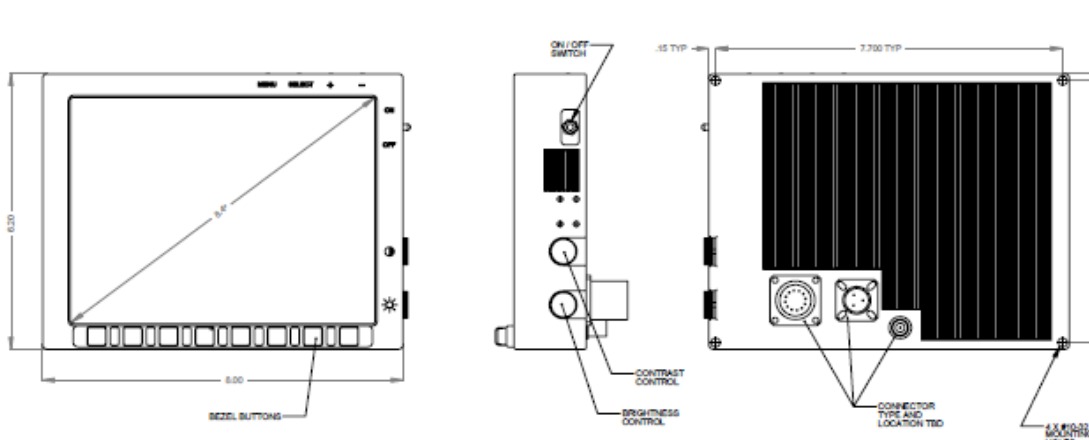
- Extremely Small Mechanical Outline
- Low Weight/Power
- Day Light Readability (Option)
- Ruggedized Touch Screen (Option)
- Customizable Connector(s) and Connector Location(s)
- Customizable User Features/Controls
- Wide Format Available



Argon Corp has over 25 years of experience designing, producing and supporting a variety of rugged computing and display solutions that serve land based, naval and airborne applications. These solutions are also suitable for adjacent applications where extreme, combat like environments are present, such as oil and gas exploration, and mining activities.

Argon has developed a standing reputation for working with customers to design custom solutions and reliable products. Add to this extensive industry knowledge and Argon is a partner you can trust.

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Technical Specifications for ASD84 (Typical)

| Optical | |
|------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Viewable Area | 8.4" Diagonal |
| Display Type | TFT LCD w/ LED Backlight |
| Resolution | 640x480 (VGA) or 800x600(SVGA) or 1024x768(XGA) |
| Brightness | 400 nits Typical, 750 nits with High Bright Option |
| Touch Screen | Ruggedized, Analog Resistive |
| Overall Unit | |
| Dimensions (Typical) | 8.0" x 6.2" x 1.6" |
| Weight | 3.5 +/-lbs |
| Power Input | 9 to 36VDC |
| Power Consumption | 15W Typical, Depending on Usage Profile |
| I/O | RGB/DVI, Power, USB/232 (For touch option) |
| Connectors | Military Circular or Specify |
| Enclosure | Aluminum, Enclosed |
| User Controls | On/Off, Day/Night, OSD, Brightness, Bezel Buttons, Attached Stylus, others Specify |
| Other | Customizations and Adaptations Available on Request |
| Environmental | |
| Meets, but not Limited to, the Following Selected Specifications | |
| Operating Temp | -10°C to +55°C (-40°C optional) |
| Storage Temp | -40°C to +70°C |
| Shock | 40g, 11msec |
| Vibration | 2.25grms Random |
| EMI/EMC | Designed to MIL-STD-461 |
| Altitude | Up to 40kft Operating, Non-Operating |
| Salt Fog, Sand/Dust | Resistant to Salt Fog, Unit is 100% Enclosed |
| Humidity | Operating & Storage – 95% @ 25°C, Non-Condensing |



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