

## Argon Rugged Display – ARD27

27", QHD or 4K Resolution, Rugged Display for



**ARD27 Standard Unit**

**Argon** offers a 27" QHD or 4K resolution rugged display that is designed for Command & Control applications where a large viewable surface area is needed. The ARD27's extremely small bezel size, flexible mounting configurations, configurable I/O, and universal AC/DC power supply make it a valuable solution for many mission critical applications.

The ARD27 display is suitable for airborne applications, combat & tactical vehicles, mobile shelters, and close in naval spaces. Argon Corp offers the customer a variety of standard options and is ready to customize to ensure that the product meets your exacting requirements.

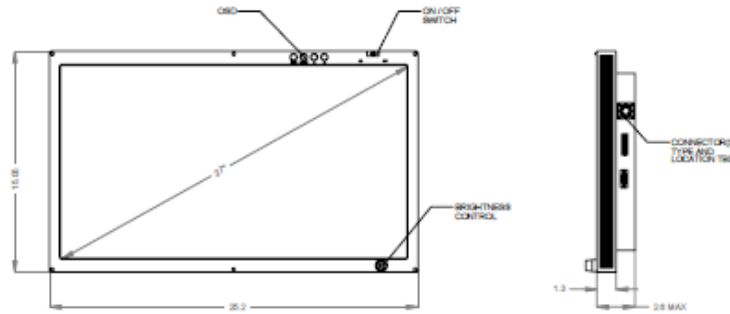
### **Main Features:**

- Low Power Consumption – 75W at 300 Nits (Typical)
- LED Backlighting System
- Two Resolutions:
  - Quad HD – 2560 x 1440
  - 4k – 3840 x 2160
- Flexible Input configurations – Analog RGB/DVI/Video/Other
- Low Weight (<22lbs)
- Fully Enclosed Unit; No Holes or Fans
- Qualified for airborne console applications

Argon Corp has over 30 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.

Aug 2020



### Technical Specifications for StandardARD27 (Typical)

Optical	
Viewable Area	27"
Display Type	TFT LCD w/ LED Backlight
Resolution	2560x1440 or 3840 x 2160
Brightness	400 nits Typical, 750 nits+ via High Bright Option
Touch Screen	Ruggedized, Analog Resistive (Option), Inquire about Multitouch
Overall Unit	
Dimensions (Rack Mt)	25.2" x 15.05" x 2.6"
Weight	+18 lbs
Power Input	18-36VDC or 110/220VAC 44-440Hz Input
Power Consumption	75W Typical
Video Inputs	RGB – DVI – HDMI – HD-SDI – S-Video – Composite (Configurable)
Com Ports	RS232/USB (For Optional Touch Screen)
Connectors	MIL Circular, D Sub or Specify
Enclosure	Aluminum, Enclosed
User Controls	On/Off, OSD, Brightness, Bezel Buttons (Option)
Environmental	Designed to, but not Limited to, the Following Sample Specifications
Operating Temp	-10°C to +55°C
Storage Temp	-40°C to +71°C
Shock	Functional: 10g, 11msec, MIL-STD-810F, method 516.5, procedure I
Vibration	MIL-STD-167A
EMI/EMC	MIL-STD-461
Altitude/Explosive Atmosphere	40kft Operating, MIL-STD-810, Method 511/50kft Non-Operating
Salt Fog, Sand/Dust	Resistant to Salt Fog, Unit is 100% Enclosed
Humidity	Operating -5% to 95% @ 25°C, Non-Condensing, MIL-STD-810