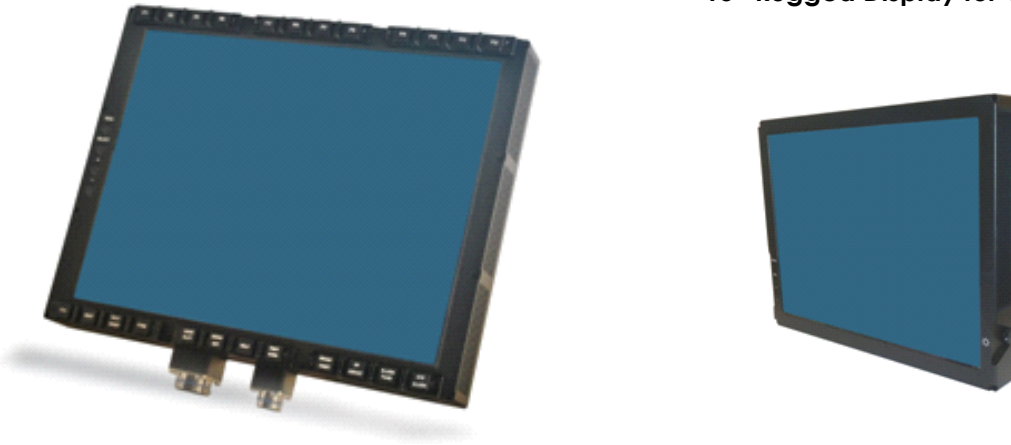


## Argon Rugged Display – ARD15

### 15" Rugged Display for C4ISR Platforms



**Typical Configurations of the ARD15 – Rugged 15.1" Display**

**Argon** offers a versatile 15" rugged display that is particularly suitable for Command & Control applications where space is at a premium such as in combat & tactical vehicles, mobile shelters, and close-in naval spaces. The ARD15's small bezel size, flexible mounting configurations, configurable I/O, and universal AC/DC power supply make it a preferred solution for many mission critical applications.

The ARD15 is a full-featured combat ready display with a wide variety of standard options, and Argon is prepared to customize the display to ensure that the product meets your exacting requirements, including with or without bezel buttons, location and type of connectors, just to name two.

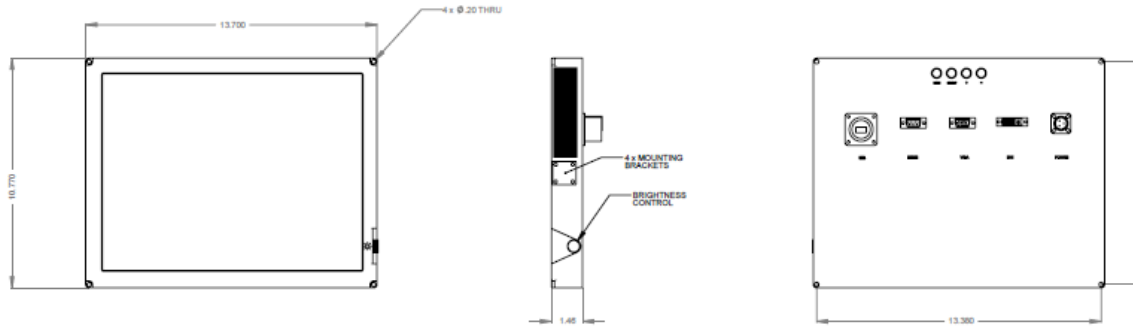
#### **Main Features:**

- Extremely Small Bezel Dimensions
- Low Weight
- Customer Defined Bezel Buttons
- NVG Compatibility (Option)
- High Brightness (Option)
- Military Connectors
- Wide Range for Environmental/EMI
- Fully Enclosed Unit (IP66), Convection Cooling
- Rugged AR Touch Screen (Option)

Argon Corp has over 28 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.

July 2019



### Technical Specifications for ARD15 (Standard Model)

Optical	
Viewable Area	15" Diagonal
Display Type	TFT LCD w/ LED Backlight
Resolution	1024x768 (XGA), Inquire about wide formats
Contrast Ratio	>1400:1
Brightness	500+ nits Typical, High Brightness, Option 750+ nits
Touch Screen	Ruggedized, Analog Resistive
Unit Description	
Dimensions (Typical)	13.7" x 10.8" x 1.5"
Weight	6.5 +-lbs
Power Input	18 to 36VDC or 110/220VAC, 44Hz-440Hz Input
Power Consumption	35W Typical
I/O	RGB/DVI, RS-170, RS232/USB (For Touch Screen or Bezel Buttons)
Connectors	MIL Circular, D Sub or Specify
Enclosure	Aluminum, Enclosed (No Openings), Convection Cooling
User Controls	On/Off, OSD, Brightness, Optional Bezel Buttons, Day/Night (NVIS)
Environmental	Meets, but not Limited to, the Following Selected Specifications
Operating Temp	-10°C to +55°C, 71°C for 30 minutes, -40°C startup (Option)
Storage Temp	-40°C to +71°C
Shock	Crash Safety, Bench Handling, MIL-STD-810, Method 516.6
Vibration	Sine on Random, MIL-810E, Method 514.6, Proc 1, Cat 7
EMI/EMC	Variety of Specific MIL-STD-461 Has Been Performed
Altitude	40k ft Operational/Non-Operational
Blowing Sand/Dust	MIL-STD-810F, Method 510.5, Proc I & II
Humidity	100% Condensing, Op and Non-Op per MIL-STD-810, Method 507.5



Metromatics

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