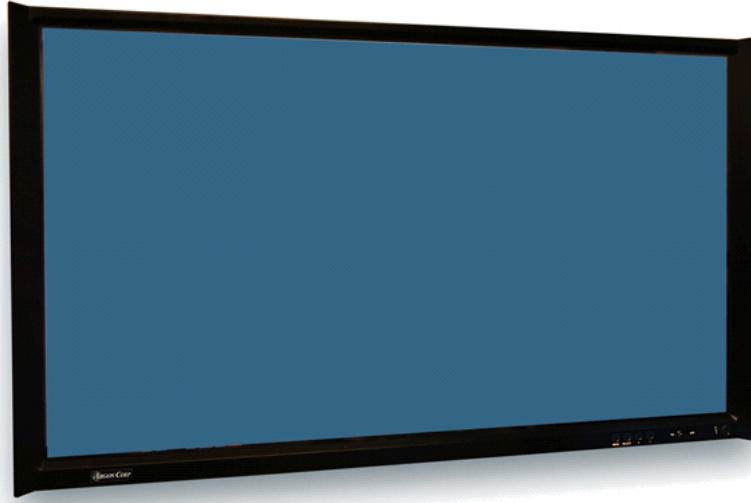


Argon Rugged Display – ARD43

43", 3840x2160 Resolution, Thin and Lightweight Display for C4I Platforms



Argon offers a 43" UHD rugged display that is designed for Command & Control applications where a large viewable surface area is needed. The ARD43'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 ARD43 display is suitable for naval combat information rooms, ship bridge applications, airborne applications, mobile shelters and command centers. Argon Corp offers the customer a variety of standard options and is ready to customize to ensure that the product meets your exacting requirements.

The ARD43 has been Mil S 901D tested by our customer for the Littoral Combat Ship.

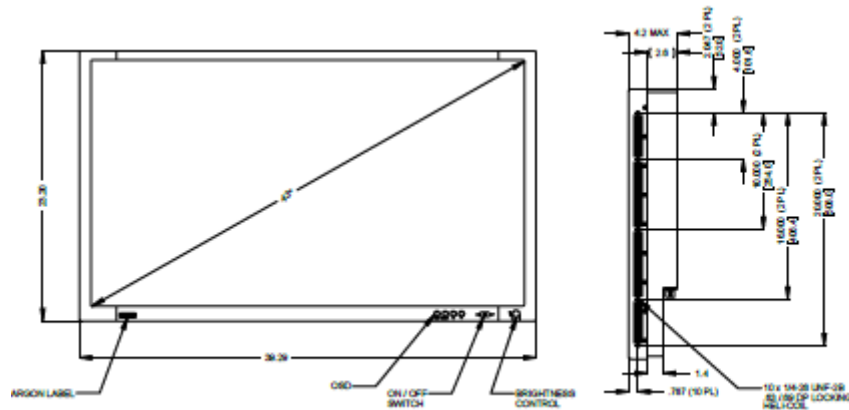
Main Features:

- UHD Resolution – 3840x2160 Resolution
- Low Power Consumption – 95W at 300 Nits (Typical)
- LED Backlighting System
- Extremely Wide Viewing Angles
- Flexible Input configurations – Analog RGB/DVI/Display Port/Video/RS-232/Other
- Low Weight (<50lbs)
- Fully Enclosed Unit; No Holes or Fans

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.

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Technical Specifications for StandardARD43 (Typical)

Optical	
Viewable Area	43" (UHD)
Display Type	TFT LCD w/ LED Backlight
Resolution	3840x2160
Brightness	300 Nits Standard, 750 nits+ via High Bright Option
Touch Screen	Inquire
Overall Unit	
Dimensions (Rack Mt)	39.29" (w) x 23.20" (h) x 4.2" (d)
Weight	+47 lbs
Power Input	18 to 36VDC or 110/220VAC 44 to 440Hz Input
Power Consumption	75W Typical
Video Inputs	RGB – DVI – HDMI – Display Port (Inquire)
Com Ports	RS232/USB
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 Mil-S-901D Grade B, Type 1, Class A
Vibration	MIL-STD-167A
EMI/EMC	MIL-STD-461
Altitude/Explosive	20kft 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

