



RUGGED NAVAL SHIPBOARD SOLUTIONS



TECHNOLOGY
IN PLAIN SIGHT
AND AT YOUR
FINGERTIPS



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Video Display Corporation
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Cocoa, FL 32926

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www.videodisplay.com

Military/COTS Ruggedized Displays, Smart Displays, KVM's, PCs and Peripherals

- Rack, Panel, Console and VESA Mount
- Total Touch Screen Integration
- Projective Capacitive (PCAP) and Resistive
- Sunlight Readable, Anti-Glare/Anti-Reflective
- Custom Optical Stacks
- Sealed/Fan-less for Harsh Environments
- NVIS - Night Vision Imaging System
- Full Range Dimming
- TEMPEST Solutions
- Full Mil-Spec
- Fiber Optic I/O Solutions
- Environmental Qualification Testing (EQT)
- Off-the-Shelf and Custom Solutions

Available Sizes

10", 15", 17", 19", 21", 24", 27", 32", 43", 55" and...

Full Compliance With The Following Specifications

- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, TYPE I
- EMI: MIL-STD 461F
- Altitude: MIL-STD-810G, Method 500
- Temperature Operating/Storage: MIL-STD- 810G
- Method 501/502
- Humidity: Operating/Storage MIL-STD-810G
- Method 507

Smart Displays (AIO)

- Sizes From 10.4" to 24"
- Screen Resolutions: 1024x768, 1280x1024, 1920x1080, 1920x1200, 3840x2160
- Intel 6th Generation i3 / i5 / i7
- Memory up to 32 GB, Storage SSD up to 1TB removable
- Gigabit Fiber or Copper, USB 3.0, RS-232/422/485, DVI out for second display

Displays

- Sizes From 10.4" to 24"
- Native Screen Resolutions: 1024x768, 1280x1024, 1920x1080, 1920x1200, 3840x2160

Large Screen Displays (LSD)

- 32" 43" and 55"
- Native Screen Resolutions 1920x1080 (55" Low Mullion), 3840 x 2160
- PIP, PBP and Quad View



Model VMD-1502FHD

- Mounting: VESA and Console
- Size: 15.6" Diagonal, Resolution: 1920 x 1080
- Front Panel Controls: Brightness, OSD and Power
- Video Inputs: DVI-D, VGA and DisplayPort
- Input Power: AC or DC
- Operating Temperature: -10° to 55°
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F

Model VMD-2402FHD

- Mounting: Rack / Console / VESA
- Size: 24" Diagonal, Resolution: 1920 x 1080
- Front Panel Controls: Brightness, OSD and Power
- Video Inputs: DVI-D, VGA and DisplayPort
- Input Power: 115~230 VAC
- Operating Temperature: -10° to 55°
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F

Smart Displays (All-in-Ones, Thin Clients) Solutions

Model VND-1901-TC

- Mounting: Rack / Console / VESA
- Size: 19" Diagonal, Resolution: 1280 x 1024
- Intel i7 6th Generation. 32 GB DDR4, 1TB SSD
- Front Panel Controls: Brightness and Power
- Input Power: 115 VAC
- Operating Temperature: 0°to 50°
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F

Model VND-2401-TC

- Mounting: Rack / Console / VESA
- Size: 24" Diagonal, Resolution: 1920x 1200
- Intel i7 6th Generation. 32 GB DDR4, 1TB SSD
- Front Panel Controls: Brightness and Power
- Input Power: 115 VAC
- Operating Temperature: -10° to 50°
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F

Model VMD-1901SX

- Mounting: Rack / Console / VESA
- Size: 24" Diagonal, Resolution: 1280 x 1024
- Front Panel Controls: Brightness, OSD and Power
- Video Inputs: DVI-D, VGA, NTSC and S-Video
- Input Power: 115~230 VAC
- Operating Temperature: -10° to 50°
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F

Model VMD-2403UHD

- Mounting: Rack / Console / VESA
- Size: 23.8" Diagonal, Resolution: 3860 x 2160
- Front Panel Controls: Brightness, OSD and Power
- Video Inputs: DVI-D, VGA and DisplayPort
- Input Power: 115~230 VAC
- Operating Temperature: -10° to 50°
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F

Model VMD-2401UX

- Mounting: Rack / Console / VESA
- Size: 24" Diagonal, Resolution: 1920 x 1200
- Front Panel Controls: Brightness, OSD and Power
- Video Inputs: DVI-D, VGA and DisplayPort
- Input Power: 115~230 VAC
- Operating Temperature: -10° to 50°
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F



**Manufacturing
rugged display systems
isn't just our job,
it's our passion.
When you require
VISUAL confirmation,
your satisfaction is our
top priority.**

DISPLAY SOLUTIONS

Large Naval Displays

- Available Sizes: 32", 43" and 55"
- Native Screen Resolution: 3840 x 2160
- Mounting: Flange for Bulkhead and 200 x 200mm VESA
- Anti-Reflective/Glare, ITO Cover Glass, Optical Bonded
- Sealed, Fan-less
- Operating Temperature: -10° to 55°
- Input Power AC or DC
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F



KVM Naval Displays

- Available Sizes: 15", 17" and 19"
- Native Screen Resolutions: 1920 x 1080 and 1280 x 1024
- Mounting: 1U and 2U Rack Mount
- Anti-Reflective/Glare, ITO Cover Glass, Optical Bonded
- 4 and 8 Port KVM
- Video Inputs: Display Port, HDMI, DVI and VGA
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F



Multi-Headed KVM Naval Displays

- Available Sizes: 15", 17" and 19"
- Available With: 2, 3 or 4 display heads
- Native Screen Resolutions: 1920 x 1080 and 1280 x 1024
- Mounting: 2U Rack Mount
- Anti-Reflective/Glare, ITO Cover Glass, Optical Bonded
- 4 and 8 Port KVM
- Video Inputs: Display Port, HDMI, DVI and VGA
- Shock: MIL-DTL-901E, Grade A, Class 1, Type B
- Vibration: MIL-STD-167-1A, Type 1
- EMI: MIL-STD-461F



1U Display (Only)

- Available Sizes: 15", 17", 19" and 20"
- Native Screen Resolutions: 1920 x 1080, 1600 x 1200 and 1280 x 1024
- Mounting: 1U Rack Mount
- Options: Anti-Reflective/Glare, ITO Cover Glass, Optical Bonded
- Video Inputs: Display Port, HDMI, DVI and VGA

VIDEO WALL SOLUTIONS



For more than 40 years, Video Display Corporation (VDC) has been a world leader in video display systems used throughout the broadcast industry as well as corporate, utilities, education, retail, gaming, and government sectors. Our products are designed with performance, reliability, and longevity in mind. VDC partners with multiple manufacturers and stays at the cutting edge of display technologies to provide all types of systems, including video walls, LED Displays, and projectors. Our Customers have included: U.S. Navy, Bell, NASA, Duke Energy, NBC and more.

CUSTOMIZATION & FLEXIBILITY

At VDC, we understand that our customers have unique applications, which in turn, require specialized display solutions. Where and when you need the display, as well as how you use it, will dictate the end product. Our system architects have worked with customers over a wide range of industries helping them find and tailor the right solution. Whether your application requires a unique BIOS configuration, enclosure design, extended temperature range or full mil-spec qualifications, VDC can provide the necessary technical resources to optimize the display to meet your system's needs.

GLOBAL REACH & SUPPORT

VDC is a global organization servicing companies around the world. Among our clients are many of the top fortune-500 companies domestically and abroad. VDC's combination of core competencies, financial strength, dedicated professional staff, and engineering focus on new technologies allows us to provide our customers the latest technological solutions at minimal risk.

Utilizing our network of sales professionals and application engineers, VDC provides an unparalleled level of services and support. Upon receipt of an order, a project manager is assigned to oversee all aspects of the design and manufacturing process, installation, training, and warranty. Additionally, VDC offers extended warranty and repair services.





VDC's 40,000 sqft. manufacturing facility was built to support the growing need for the integration and enhancement of displays. This includes optical enhancement, assembly/ box builds, and ruggedization of Flat Panel Displays. Integration to any level desired - from kitting of various combinations of LCD's, controllers, inverters, LED's, housing, and cables through complete system assemblies.

INTEGRATION FACILITY

Our facility has complete environmental and ESD controls. Static control workstations are used throughout the manufacturing and testing areas. Our integration center is configured to support continuous flow manufacturing, with designed-in flexibility. Our ERP system gives us the flexibility to tailor a capacity plan to meet your most stringent schedule requirements. The rapid reconfiguration of production lines and work cells facilitates the changing needs of your requirement. Guided by strict risk-management principles, and based on superior material control capability, VDC provides multiple sources during BOM development.

QUALITY & PROCESS CONTROL

VDC maintains ISO 9001:2015 quality system, and all processes are documented in accordance with ISO procedures. The use of detailed and customized work instructions and configuration control, combined with a culture of continuous improvement, assures that VDC's products exceed your expectations today, and will be even better tomorrow. This dedication to quality allows us to offer our customers extended warranties and service contracts unparalleled in value throughout the industry. Additionally, our comprehensive vendor quality system allows us to monitor vendor performance and assures consistent on-time delivery of quality products.

MATERIAL COST CONTROL

Leveraging VDC's supply chain gives us the "Critical mass" required to provide advanced technical solutions at truly competitive prices.



www.videodisplay.com



ENVISION YOUR DISPLAY SOLUTION



We work to make The Visual Part of your system More Visible

Sales

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All specifications subject to change without notice

