



RUGGED NAVAL SHIPBOARD SOLUTIONS

**TECHNOLOGY *IN PLAIN SIGHT*
AND *AT YOUR FINGERTIPS***



800-345-1169

www.videodisplay.com

5155 King St. Cocoa, FL 32926 • T 321-784-4427 • F 321-784-6617

SHIPBOARD READY SOLUTIONS

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

FEATURES

- 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



THE PRODUCTS

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



INNOVATION

The next time you are looking for someone to help you design and manufacture the right solution, on time, and within your budget, look no further than VDC.

After all, *IMAGE* is everything.

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DISPLAY SOLUTIONS

Model VMD-1502FHD

Technical Specifications

- 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-1901SX

Technical Specifications

- 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-2401UX

Technical Specifications

- 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

Model VMD-2402FHD

Technical Specifications

- 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

Model VMD-2403UHD

Technical Specifications

- 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



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

Model VND-1901-TC

Technical Specifications

- 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-1902-TC

Technical Specifications

- Mounting: Rack / Console / VESA
- Size: 19" Diagonal, Resolution: 1280 x 1024
- Intel i3 7th Generation, 8 GB DDR4, 128 GB 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

Technical Specifications

- 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 VND-2403-TC

Technical Specifications

- Mounting: Rack / Console / VESA
- Size: 23.8" Diagonal, Resolution: 3840 x 2160
- 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

INNOVATION

Manufacturing rugged display systems isn't just our Job, it's our passion.
Welcome to VDC. Your satisfaction is our top priority.

When you require *VISUAL* confirmation.

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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



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After all, you have an *IMAGE* to protect.

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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

ENGINEERING DESIGN

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.

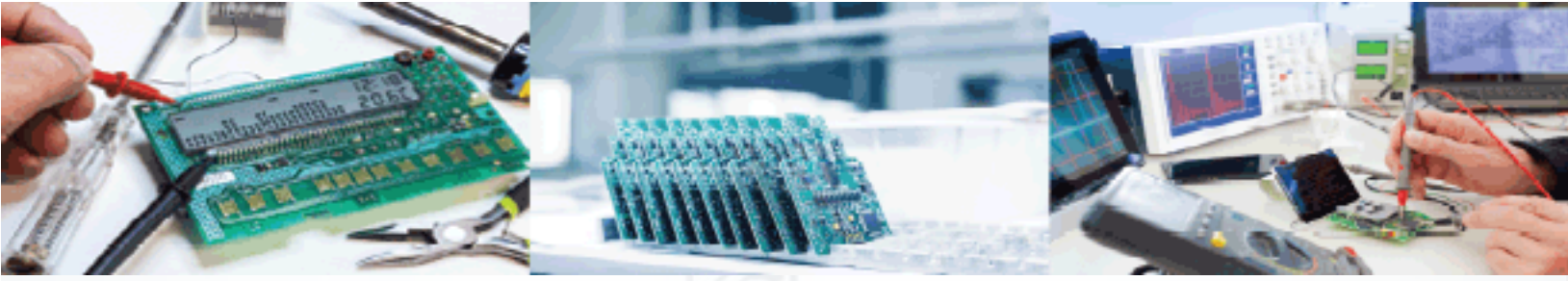
Our system architects have worked with customers over a wide range of industries helping them find and tailor the right solution. Whether your application requires a unique BIOS configuration, enclosure design, extended temperature range or full mil-spec qualifications, VDC can provide the necessary 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.

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ENVISION YOUR DISPLAY SOLUTION



We work to make **THE VISUAL PART**
of your system **MORE VISIBLE.**

For more information call or E-mail

VDC is a small business.

Sales

Cage Code: 6DP27

Product Manager

Henry Casey

Ernie Pellicciotti

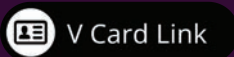
hcasey@videodisplay.com

epellicciotti@videodisplay.com

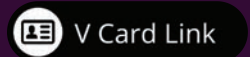
610-246-9624

321-784-4427

Ext - 238



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5155 King St. Cocoa, FL 32926 • P (321) 784-4427 • TF (800) 435-1169