

## Environmentally Sealed LCD Monitors

- » Rugged Metal Enclosures Sealed Against Liquid Immersion, Dust and Other Contaminants
- » LCD Display Sizes from 6.4" to 24" Diagonal
- » Modular Enclosures Facilitate Customer Integration
- » Protective Glass Overlay with Sealed Gasket

General Digital™ adds an extra level of protection to its rugged LCD monitors in the form of the **Barracuda Series**. Sealed to IP67 and NEMA4X standards, the monitors include protection against several contaminants: liquid immersion (submersion) between 15cm and 1m depth, blowing dust, falling dirt or debris, rain, sleet, snow, splashing fluids, hose-directed liquids, and external formation of ice on the enclosure.



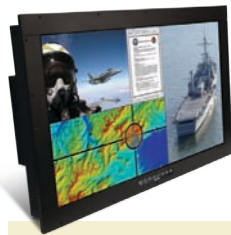
The Barracuda Series is ideally suited for dusty or wet conditions found in industrial and military environments, such as deserts, ships, outdoor kiosks, or simply constant exposure to changing weather conditions. To this end, every unit is equipped with connectors that are sealed, regardless of connection, negating the need for extra covers on unused connectors.

As the Barracuda Series is an evolution of our existing high performance LCD monitors, it supports the video standards common to our other industrial- and military-grade LCD monitors.

## Large Format LCD Monitors

- » Rugged All-Metal Construction
- » Multiple Video Inputs
- » Native Resolution of 1920 x 1080 [Scalable to Many Others]
- » Customizable for Digital Signage Applications

The **Titan™ Series** is comprised of large format displays (from 30" to 65" diagonal) housed in rugged standalone, panel mount and rack mount enclosures. Configured for analog and digital signals, a notable feature of the video controller is that it can be optionally configured to support live composite video formats (NTSC, PAL, SECAM, RS-170, S-Video) using picture-in-picture windows. Other features include remote calibration and OSD control, low power consumption (<280 watts) and a protective glass overlay.



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## Sunlight and Daylight Readable / Night Vision Goggle Compatible LCD Monitors

- » Backlight Output Up to 2000 Nits
- » Several Technologies Developed Specifically for FAA Applications
- » LCD Display Sizes from 6.4" to 65" Diagonal
- » Sunlight/Daylight Readable Option Available on Most Models

Through advanced optical enhancements, General Digital's™ **Sunlight and Daylight Readable** models' luminance can reach 2000 nits. Compared to a typical CRT luminance of 110 nits, the enhanced optical performance of our monitors allows for fatigue-free viewing in applications that were previously impractical for CRTs. This drop-in replacement requires no special device drivers or software to operate.



Brightness is only half the equation, though, when providing correct viewing ergonomics. Our sunlight and daylight readable monitors enhance readability through the use of contrast enhancements, and are soft on the eyes through the use of advanced dimming circuitry, thereby facilitating nighttime use.

General Digital™ also offers an alternate solution called **GenFlective™**, which can be integrated into most of our standard product offerings or sold as a standalone product. GenFlective™ technology enhances transmissive performance by using the sun to enhance brightness. Other benefits include low heat emission, low power consumption, longer bulb life, lower cost and simple integration (even in sealed enclosures in extreme environments).

Built to meet numerous military requirements, including MIL-STD-901D, Grade A and Class II Lightweight Shock specifications, our **night vision goggle compatible** LCD monitors are among our most robust, featuring 15mm thick front bezels, military-grade power connectors and louvered ventilation slots on the rear to satisfy a 45° drip test. The GenFlective™-enhanced display boasts an all-LED NVIS B filtered backlight producing 800+ nits of luminance and a super-wide viewing angle. The high performance video controller supports virtually any video source, and can be optionally configured to support NTSC, SECAM, PAL and RS-170, all using picture-in-picture window capability.



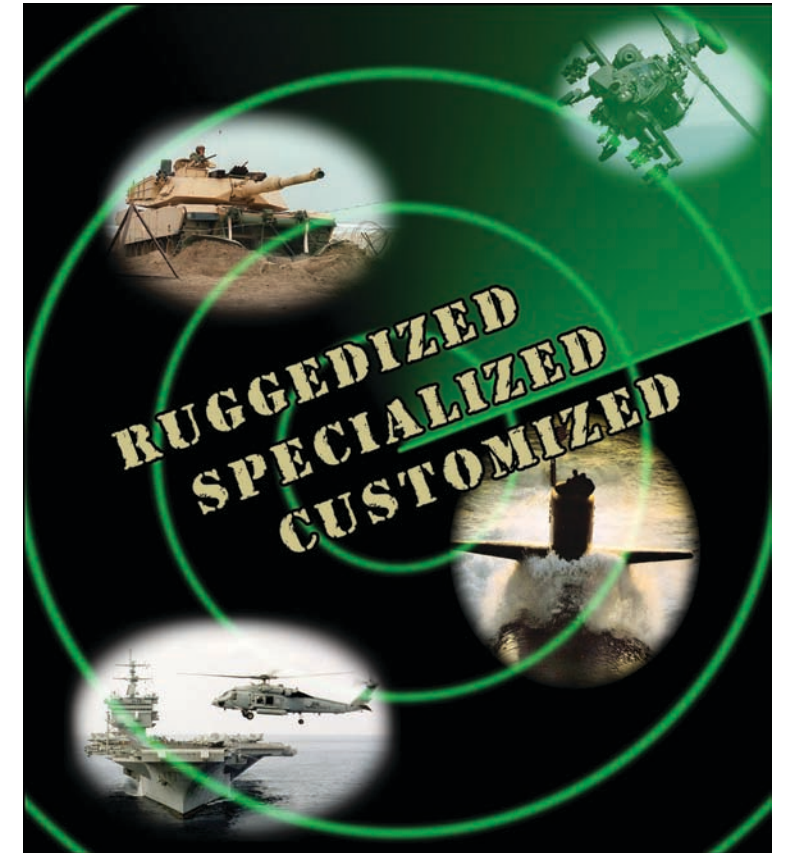
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# LCD MONITORS

*Product Families & Company Capabilities*

*Designed and Built in the U.S.A.*



*Most LCD Monitors Now Available with LED Backlighting!*

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## Flip-Up Single & Dual Rack Mount LCD Monitors with Integrated Keyboard & Trackball

- » Low Profile 2U [3.50" High] and Ultra Low Profile 1U [1.75" High] Rugged Metal Enclosures
- » Many Keyboard/Trackball Variations Available in Commercial, Industrial and Military Grades
- » LCD Display Sizes from 15.0" to 20.1" Diagonal
- » Hinged Displays have Range of 90 Degrees or More
- » Chassis Slides Facilitate Rack Mounting and Ease of Operation
- » Video Controllers Operated Via On-Screen Display and Feature Advanced Functions Including Live Video, Picture-in-Picture, Image Rotation

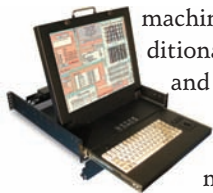
The **TwoView™** is comprised of two high-resolution LCD monitors with a ruggedized enclosure to support dual monitors and endure harsh environments. The TwoView™ includes a military-grade backlit keyboard with integral trackball or, if you prefer, optional cup-holders in place of the keyboard. Other options include daylight and sunlight readable displays and a host of video inputs. Stereo speakers and a cable management guide are provided as standard equipment.



The **SlimLine 1U™** is designed to save valuable rack space and expense by providing a reliable and user-friendly operator interface. The compact design and rugged durability, combined with General Digital's™ legendary configuration control and long product life cycles, make the SlimLine 1U™ the ideal rack mount solution for network administration, command and control, telecommunications, mobile applications (transit case), and much more.



The **SlimLine Lite™ II** is a rugged and highly configurable man-machine operator interface designed to replace the traditional CRT and keyboard with a compact, lightweight and durable alternative. It is intended for use in commercial, industrial and military applications, either as a portable/desktop device or as a rack-mounted solution.



The **SlimLine Commercial™** provides an economical flip-up LCD monitor/keyboard combination for consumer and commercial applications. Housed in metal enclosures, the high resolution displays (15" to 20") offer image quality on par with our SlimLine products.

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## Flip-Up / Down Single & Dual R/M LCD Monitors

- » Low Profile 2U [3.50" High] and Ultra Low Profile 1U [1.75" High] Rugged Metal Enclosures
- » Custom Hinged Slides Pivot Displays 90 Degrees or More
- » LCD Display Sizes from 15.0" to 20.1" Diagonal
- » Chassis Slides Facilitate Rack Mounting and Ease of Operation
- » Popular Options Include Rack Mount Keyboards, 1U Power Supplies

Mounted to 20" or 24" long solid bearing rack slides, the **Rack Mount Hinge™** LCD Monitor easily glides in and out of your rack chassis. Custom hinges built into the slides permit the display to slide out from the chassis and pivot 90 degrees for normal operation. Fully extended, the monitor requires only 6.375" of operator space in front of the rack chassis, leaving the workplace devoid of hazards and the operator unencumbered to perform his or her duties. Occupying only 1U (1.75") of vertical rack space, the Rack Mount Hinge™ can be conveniently located within your rack to optimize its ergonomic performance.



The **TwoView Micro™** is comprised of two high-resolution LCD monitors with a ruggedized enclosure to support dual monitors and endure harsh environments. Use as a desktop monitor or mount to a ceiling, wall or 19" RETMA rack. Options include daylight and sunlight readable displays, cable management guide and a host of video inputs.

The **SlimLine Micro™** is a scaled-down version of the popular SlimLine 1U™. The depth of this 1U high (1.75") unit is as short as 16" when stowed. Extended, the display may be positioned from 0 to 90+ degrees with the use of continuous-friction hinges. Display quality is not compromised with this unit, as it uses the same displays as used in the SlimLine 1U™ and many of our other products. And, as with much of our product line, the SlimLine Micro™ is designed to satisfy many industrial and military requirements, including MIL-STD-810E, MIL-STD-810F, and TEMPEST Level 2.



The budget-priced **Stowaway™** provides no less display quality or video performance than our industrial flip-up monitors. Occupying 2U (3.50" high) of rack space when stowed, the monitor pivots 90 degrees to optimize ergonomics. Options include power supplies, protective glass overlays, touchscreens, and more.

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## Rack Mount / Panel Mount / Standalone / Open Frame LCD Monitors

- » Rugged and Light Weight Enclosures Configured for Simple Customer Integration
- » LCD Display Sizes from 6.4" to 24.0" Diagonal
- » Latest Displays Offer Wide Viewing Angles, Fast Response Times, Vivid Colors and More
- » Protective Overlays Available to Shield Display from Harm and Diffuse Glare
- » Many Options Available Including NTSC, PAL, SECAM, RS-170 Video Support

Housed in rugged yet stylish metal enclosures, the **Saber Series** is designed to endure hazards typically associated with light/heavy industrial and military (COTS) applications. Most models feature modular adaptability, which reduces cost and facilitates customer integration. Industry standard VESA mounting holes heighten design flexibility by facilitating installation through the use of various pedestals, cradles and articulating arms.



The displays, ranging in size from 6.4" to 24", feature the latest technological innovations, such as high brightness and contrast, wide viewing angles, fast response times, vivid colors, native resolutions of up to 1600 x 1200 (scalable to 1920 x 1200), and more. Many models are able to be fitted with LED backlights, which run cooler and last longer than conventional CCFL backlights. As with most General Digital™ monitors, the Saber Series supports separate, composite, Sync-on-Green, analog signals and DVI digital standards. Additionally, they support NTSC, PAL, SECAM, S-Video and RS-170 composite video inputs. With the installation of an optional adaptor board, the Saber Series can accept HD-SDI and SD-SDI video inputs.

The **Impact Series** is a basic open frame turnkey monitor, though display performance is far from basic. This LCD "kit" provides the most efficient and cost-effective means of integrating a display into an existing product, console, protective enclosure, or kiosk.



Options for all monitors are plentiful and include power supplies, touchscreens (capacitive and resistive), protective display overlays, speakers, to name just a few.

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