



## **Neuro Logic Systems Announces Three New Advanced Displays for Military Applications**

For Complete Specifications on These and All New Rugged NLS Military and Industrial Display Products



### **PM-10.4-MFD**

#### **10.4" Multi-Function NVIS Military Cockpit Tactical Display**

The PM-10.4-MFD was engineered for military aircraft cockpit applications. A Dual-Mode, High-Brite/NVIS back-light system provides wide luminance adjustment: from 1500 cd/m<sup>2</sup> for good readability in glaring sunlight, down to <0.5 cd/m<sup>2</sup> MIL-3009 NVIS compatible lighting for viewing with NVGs. The machined alloy aluminum bezel has twenty eight back lit silicon rubber buttons with 8 buttons uncommitted and free for customer specific requirements. The PM-10.4-MFD supports 2x DVI, 1x VGA and 1x Composite Video input. Both Portrait and Landscape installation is supported by the bezel button icons and internal video rotation circuitry to maintain proper image orientation. The Military grade DC power supply accepts 12V-36VDC with full transient and surge protection to MIL-STD-1275/-704 standards. The design and performance of the MFD-10.4-MFD provides a state-of-the-art, drop in replacement for outdated legacy units, delivering greatly improved performance at substantial cost savings.

- Qualified for Military Cockpit Tactical Applications
- Meets MIL-STD-461, 810, 167, 1275, 704;
- Sealed to IP65 on unit level
- 28 back-lit bezel buttons with Dual RS485 and USB output
- 1024x768 XGA Resolution
- Dual-Mode, High-Brite-NVIS Back-light
- 2x DVI, 1x VGA, 1X Composite Video inputs
- All signals via MS-38999 connectors
- Design Supports Landscape or Portrait Installation



### **PM-32-4K-PCAP**

#### **32" 4K Rackmount Display with PCAP Touchscreen**

The PM-32-4K-PCAP is designed for military Ground Control, ISR and similar applications in sheltered environments. The 4K LCD with 3840x2160 UHD resolution and advanced video control electronics supports VGA, HDMI and Display Port inputs. Structural strength at minimum weight is achieved using an aluminum alloy chassis together with a hi-impact structural composite bezel. The rugged 10-point multi-touch PCAP touchscreen is flush mounted tablet-style into the bezel to minimize the bezel profile and optimize visual and touch gesture ergonomics and communicates with the host computer via USB. The thin profile composite/aluminum housing is designed to permit installation in a standard 19" ANSI/EIA equipment rack. With the included adapter bracket the PM-32-4K-PCAP can easily be installed on walls, consoles and other flat surfaces with a profile of only 2.6". A VESA pattern on the rear further extends the mounting options to include poles, arms and other adapter configurations. The user OSD control panel is recessed in the front bezel protected by a flush, removable cover.

- 32" 4K LCD with 3840x2160 UHD resolution
- Largest 19" Rack-mount Display Available
- 1x VGA, 1X DP, 4X HDMI video inputs with PIP
- 10-point Multi-Touch PCAP touchscreen
- Win 7/8/10 and Ubuntu, Red Hat and CentOS Linux Compatible.
- 95-264VAC, 50-400Hz Power



### **CF-27SQ**

#### **27" Square 2K Panelmount Display for Navy Ships**

The CF-27SQ is a 27" highly rugged display engineered for deployment on naval ships requiring MIL-STD-901D shock compliance. It is physical drop-in replacement for outdated 28" legacy units, providing improved performance at a significant cost savings. The CF-27SQ features a unique 27" LCD panel with 1920x1920 Square pixel resolution making it ideal for viewing shipboard Radar, Sonar and general Air Traffic Control information. The machined aluminum alloy bezel, together with a gasket-sealed, optically bonded tempered front glass AR shield provides environmental sealing to IP65 while protecting the LCD panel from impact shock. A 16 button control array offers instant access to video input selection and image adjustments.

- 27" Square LCD with 1920x1920 Pixel Resolution
- Dual DVI and Display Port Video Inputs
- Rugged Machined Aluminum Alloy Construction
- Sealed to IP65 on Console Level
- Designed to MIL-Standards 461, 810, 167, 1275
- Tested to MIL-STD-901D