RF-30
Rugged 30" LED Display

The RF-30 is the World's only 30-inch LED backlit LCD.

Designed originally for JSTARS, the RF-30 will fit in most consoles and provides the user a high resolution display with outstanding color and contrast. The LED backlight technology will reduce power consumption by 60% and reduce heat by 80%.

- LED Backlight
- Only 24 lbs
- Passed: 461E & 801
- 2560x1600 resolution
- 2-Dual-link DVI inputs
- Front USB pass-thru port
- Switchable A-B video inputs
- 3mm Optically Bonded Glass

RFT2-3LH-19
3U Rackmount Triple 19" LCD Server Console

The RFT2-3LH-19 was designed for military command and control system operations where limited rack storage space and/or transit case portability are essential. The 3 independent LCDs allow for simultaneous viewing of critical information from multiple sources.

- Sealed Backlit Full-Travel Keyboard
- Ruggedized General Devices Rackslides
- 15-Pin VGA or DVI Connections
- Rugged Aluminium Cable Management Arm

The CF-30 is a high resolution, high contrast, desk-top LCD with an integrated NextWindow touchscreen - which can be used on Windows and Linux. Developed for Patriot Missile Trainers, the CF-30 offers a clean, sharp picture and can be used in fixed and mobile deployments..

- 2560x1600 resolution
- USB or Serial NextWindow Touchscreen
- Infrared Touchscreen optional
- 3mm protective AR glass
- Dual-link DVI Input
- 100mm VESA mounts
- Built in USB hub

CF-30
Touchscreen LCD Display

CAT5-A2
Compact Server Console KVM

1U Rackmount 17" LCD/Keyboard with integrated 16-port KVM-over-IP switch including Network Remote Access and Serial (RS-232) capabilities.

- 16 Server Ports
- USB or PS/2 connections
- HD-15 Server connections
- 4 simultaneous users
- SSH & Telnet server access
- Network Accessible
- Multi-level security
- Built to mil-spec 810

CAT5A
1U Rackmount KVM Console

1U Rackmount 17" LCD/Keyboard with integrated 16-port KVM switch. The 1U unit eliminates the need for bulky KVM cables. CAT5 KVM technology allows increased ventilation in the rack and greater flexibility in cable lengths.

- 16 Server Ports
- USB or PS/2 connections
- HD-15 Server connections
- 100m connection lengths
- Cascading
- Built to mil-spec 810

The RF-27 is a 27” high resolution, LED-backlit LCD. Designed originally for JSTARS, the RF-27 will fit in most consoles and provide the user with a high resolution display with outstanding color and contrast. Because the RF-27 utilizes LED backlight technology, the display uses 60% energy and reduces heat by 80%.

- LED Backlight
- Switchable A-B video inputs
- 2-Dual-link DVI inputs
- 3mm Optically Bonded Glass
- 2560x1600 resolution
- Front USB pass-thru port
- Passed: 461E & 801
- Only 24 lbs

RF-27

Rackmountable LCD Display

CED

Computer-Embedded Displays

The NLS line of CED features LCDs ranging from 8” to 30”. The heart of the system features a Themis NanoPAK VITA-74 computer with an Intel Atom N455 processor.

- 10/100/100 Ethernet
- 2GB FLASH Storage
- USB 2.0
- Audio In/Out
- RS-232
- SATA2

- Up to 1GB RAM
- 2GB FLASH Storage
- Up to 32GB SATA SSD
- Removable Storage
- Optional Bezel Buttons
- Optional Touchscreens

RF-23

Chassis LCD Display

The CF-23 is the largest 4x3 ratio desktop display on the market. The high resolution, high contrast LED backlit display uses 60% less power and produces 80% less heat than similar sized displays using traditional tube backlighting.

- 1600x1200 resolution
- VGA & DVI video inputs

- Optional touchscreens
- 100mm VESA mounting

Triple 24" Full-HD (1920x1200) rackmount LCD unit stores in 3U space in an IEC enclosure or field transit case. Input options include DVI, VGA, and HD-SDI

3U Rackmount Triple 24" LCD

Dual 19" LCD display in hinged door configuration, mounts to front surface of IEC enclosure, freeing valuable rack space for additional equipment.

19" Dual LCD Door Displays

Rugged 15" deep 2U rackmount display unit with LCD sizes from 15" to 20". Several Sun and Windows keyboard configurations are available, including a 16 port KVM Ethernet switch.

2U Mil-Grade LCD/Keyboard

1U rackmount LCD with sealed, backlit keyboard and trackball built to rugged MIL specifications. Designed for and fielded in several USN programs.

1U Mil-Grade 19" LCD/Keyboard

Complete line of rackmount LCDs from 10" to 30". Numerous computer and video input standards supported. Touchscreen and full MIL versions available.

Rackmount LCDs

Rugged LCDs in sizes from 8.4" to 30". IP67 (submersible), touch screen and full MIL NVIS configurations available.

Rugged LCD Displays

Originally built for the U.S. Navy. It was constructed to handle shock and vibration found in military ships and transit cases.

1U Mil-Grade 19" LCD/Keyboard
WITH INTEGRATED KVM SWITCH

1U high rackmountable 15", 17" and 19" LCD with PC or Sun keyboard.

1U LCD/Keyboard Combo

Triple 19" LCD desktop VESA mount display folds up for compact storage and portability. Multiple input and touchscreen options available.

Ruggedized Triple 19" LCDs

Dual 19" LCD rack-mount KVM unit with sealed keyboard and trackball, ideal for field UAV and other control operations. Stores in 2U space.

2U Dual 19" LCD/Keyboard

Extremely rugged, 901D (hard deck) certified 10.4" touch-monitor/ethernet terminal currently deployed in a US Naval tactical weapon system.

Rugged 10" LCD/HDMI LCD

Compact 1U 17" rackmount LCD/key-board teminal supports numerous ANSI emulations, including Wyse, DEC, IBM, and ADDS. Serial RS232 and Ethernet TCP/IP interfaces.

Compact Server Console
WITH TERMINAL EMULATION

Dual 10.4" sunlight readable rack mount touch-monitor for outdoor desert operations under direct solar loading. Certified to +60C. MIL 810 Compliant.

Rackmount Dual 10" LCDs

19" sunlight readable rack mount LCD for outdoor desert operations under full solar loading. Certified to +60C. MIL810 compliant.

Rugged 19" LCD

20" UXGA rackmount LCD with sealed keyboard/trackball for tight quarters in submarines, aircraft, and Humvees. Requires only 26" of aisle space, including operator.

Space-Reducing 2U 20"
LCD/KEYBOARD

Ruggedized, sunlight readable LCD for outdoor operations. Includes waterproof speakers and VESA mount. Built-in handle and retractable stand aids portability. MIL810 compliant.

Rugged Mobile 17" LCD

MILITARY-READY
DISPLAY SYSTEMS

STANDARD - MODIFIED - CUSTOM

NLS specializes in custom and modified COTS display units for military applications. Our products provide military and government contractors with high performance, cost-saving solutions to meet today's budget conscious program requirements.

NLS displays have been successfully deployed on a wide range of surface vessels, submarines, land vehicles and aircraft, operating under severe environmental conditions such as temperature, humidity, shock and vibration. Many of our displays are engineered for both fixed and portable transit case deployment.

All NLS products are designed, engineered and manufactured in the USA. Our engineers welcome the opportunity to discuss your application requirements and work together with you to achieve a timely, cost-effective solution to your mission objectives.

A short list of programs NLS displays are or have been featured in include:

- ***JSTARS*** *Joint Surveillance and Target Attack Radar System*
- ***JDISS*** *Joint Deployable Intelligence Support System*
- ***JWICS*** *Joint Worldwide Intelligence Communications Systems*
- ***JIC*** *Joint Intelligence Center*
- ***USCG TISCOM*** *Telecommunications & Information Systems Command*
- ***USSOC*** *United States Special Operations Command*
- ***JSIPS*** *Joint Services Imagery Processing Systems*
- ***USAAMCOM*** *US Army Aviation and Missile Command*
- ***THAAD*** *Theatre High Altitude Area Defense Missile System*
- ***JLENS*** *Joint Land Attack Cruise Missile Defense Elevated Netted Sensor*
- ***JASSM*** *Joint Air-to-Surface Standoff Missile*
- ***GCCS-A*** *Global Command and Control Systems – Army*
- ***GCCS-M*** *Global Command and Control Systems – Marines*
- ***DCGS-N*** *Distributed Common Ground Systems – Navy*
- ***DDG-1000*** *Zumwalt Destroyers*
- ***LCS*** *Littoral Combat Ship*
- ***SSN*** *Submarines*
- ***USCG*** *Deepwater*
- ***Predator*** *UAV GCS*
- ***C2BMC BMD*** *Command and Control, Battle Management, and Communications – Ballistic Missile Defense*

NLS is proud to have built a successful working relationship with a number of top tier government contractors, including:

- **Lockheed Martin**
- **General Atomics**
- **General Dynamics**
- **Thales - US/UK**
- **Northrop Grumman**
- **BAE - US/UK**
- **Boeing**
- **SAIC**
- **Raytheon**
- **SPAWAR**
- **Harris**
- **US & Foreign military**

ABOUT NLS:

Neuro Logic Systems [NLS] was founded in 1983 as a design and development company specializing in computer based medical electronics for automated diagnostic testing in the fields of neuro-otology and neuro-ophthalmology. Over the past 27 years, NLS has expanded its interests into other specialty video display areas including interactive touch, industrial, transportation, military and aerospace. NLS is privately held, woman-owned California Corporation. All NLS products are designed, engineered and manufactured in the USA.

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