

Industrial Solutions



LX 55 LED Double Sided, Tilt Bracket with Soundbar

Build What You Want...
...Get What You Need



LX Embedded Displays



NX Modular Displays



PWS Mobile Displays



VW Video Walls



Factory DS Software

DYNICS offers the most comprehensive line of industrial computers and large LCD industrial signage products available today. Focused on providing high quality hardware in flexible product lines with custom integration.

We strive to meet customer's applications with reliable and durable products.

LARGE FORMAT DIGITAL SIGNAGE

DYNICS

DYNAMIC INDUSTRIAL COMPUTER SOLUTIONS

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LX 55 With Soundbar & Embedded IPC

Embedded IPC

The LX Series is a cost effective solution system built in an industrial enclosure with an industrial grade monitor for 24/7 runtime applications.

Heavy duty eyebolts for ceiling mounting and optional soundbar unit with max 100Db output.

LX Series Features:

- Rugged Steel Construction. Sizes 32" to 70"
- Embedded IPC or Monitor Only Options
- High Performance Intel™ Solid State Drives
- High Performance CPU: Intel™ iCore i3, i5, & i7 and AMD Fusion with Radeon Video
- Single or Double Sided Soundbar Speakers

- Available with Windows 7/XP Embedded
- Industrial Grade High Duty Power Supply
- Filtered intake and exhaust fans with NEMA12 drip proof louvers
- Protective Laminated Glass or anti-scratch lens
- Available Double Side Bracket Assembly allows for display tilting of 5° to 20°



Back to Back Bracket



Easy connectivity of soundbars with double sided system

Double Sided LX System

With the Back to Back bracket unit, two LX units can be paired up by allowing a combination of 1 IPC side and 1 monitor or 2 IPC sides for independent display messaging and sound.

Skilled Trade Friendly installation. Heavy duty eyebolts ready for ceiling mounting.

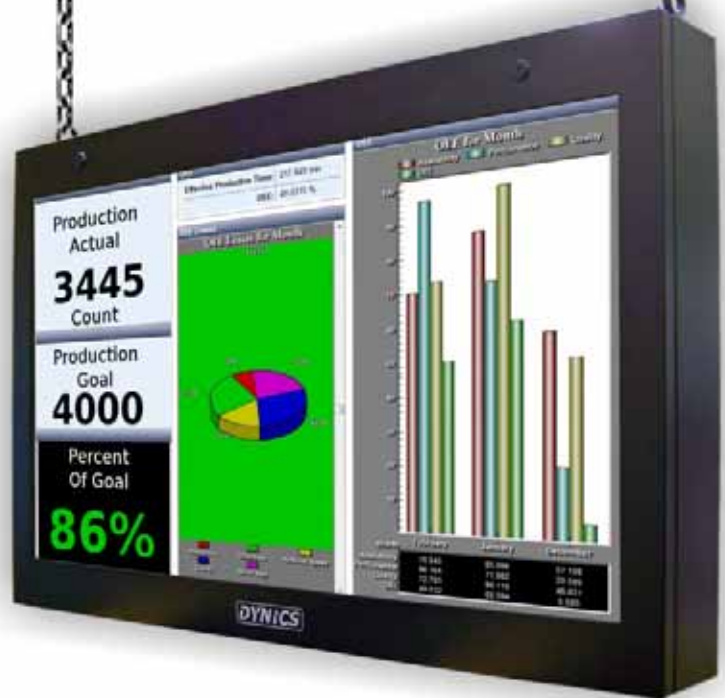
Modular Display ModPak

The NX series is a feature rich modular system with a rugged steel enclosure, bottom access quick release ModPak PC or Monitor Modules, and front access door.

- Built for serviceability and maintenance.
- Skilled trades friendly installation with strut ready and heavy duty eyebolts.
- Ceiling, wall or column mount.

NX Series Features:

- Rugged Steel Construction. Sizes 42" to 70"
- ModPak Quick Release IPC or Monitor Only Options
- High Performance Intel™ Solid State Drives
- High Performance CPU: Intel™ iCore i3, i5, & i7
- Single or Double Sided Soundbar Speakers



NX 55 With Modpak Full IPC



- 24/7 Industrial Grade Display
- High Duty Cycle Industrial Power Supply
- Strut Ready and Heavy Duty Eyebolts For Ceiling or Wall Mount
- ModPak Allows For Serviceability and Ease of Scalability
- Optional AC/Heat Exchanger Units for Higher Temperature Environments

Integrated MODPAK - 3 Models Available



MODPAK - Pro AV
Full Feature Controller
RS/232



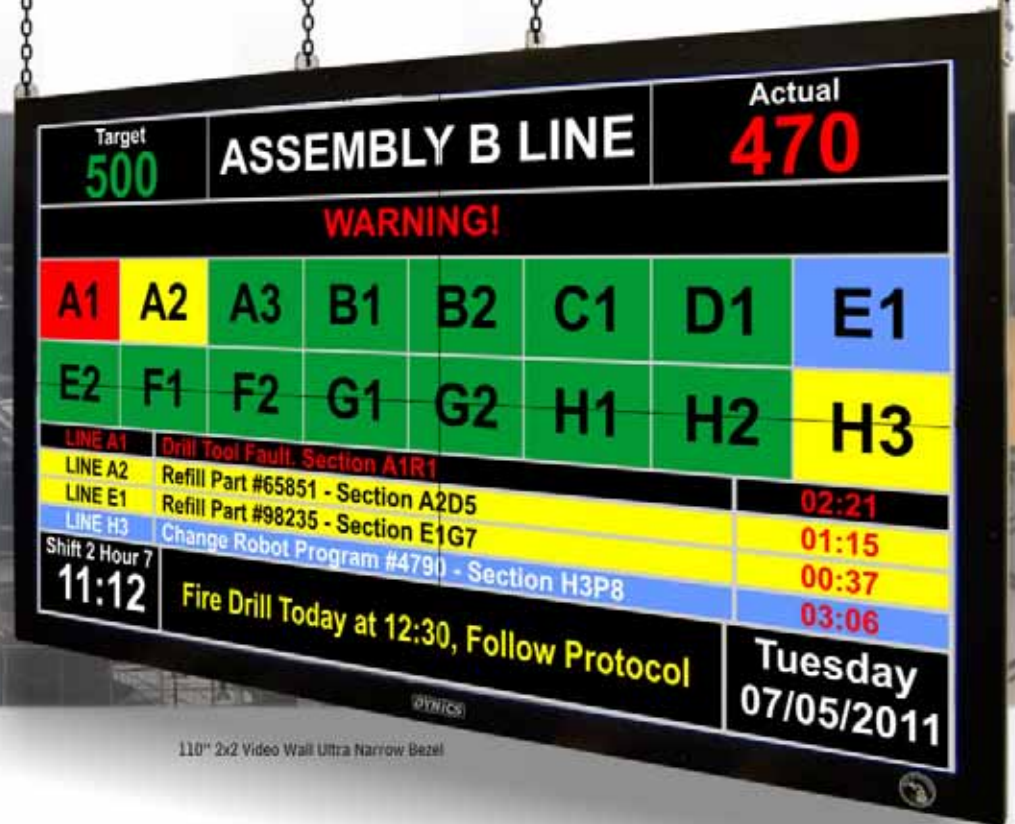
MODPAK - Standard Monitor
Basic Feature
Video Controller



MODPAK - Full PC Engine

VW Series

Video Wall Ultra Narrow Bezel



110" 2x2 Video Wall Ultra Narrow Bezel

All-In-One!

The self contained Video Wall is a fully integrated solution that comes with our ModPak IPC which features the Intel™ iCore series CPUs and it only requires power and a network connection. With the optional thin bezel format they are designed to provide a nearly seamless video wall in any matrix combination up to 256 displays. The standard matrix is 2x2 and 2x1 available in 84" to 110" Landscape format. Built in mind for the factory floor or overhead control room display. Secure wall or ceiling mounting with strut ready rails or heavy duty stainless steel eyelet brackets.

Video Wall Features:

- 84" to 110" Landscape Format
- ModPak IPC or Monitor Only Options
- Rapid Response Video Controller
- Industrial LCD Designed For 24/7 Runtime
- Optional Ultra Narrow Bezel: 2.75mm Per Panel¹
- Matrix Combination Of Up To 256 Displays

Industrial Display vs. TV Grade Comparison

	TV GRADE	INDUSTRIAL GRADE
Operating Run Time	5 Hours per day recommended	24/7 Continued run time
Display Life	10,000 to 20,000 Hours	50,000 Hours
Display Formats	Landscape only	Landscape & portrait orientation
Brightness	Low brightness 350cd/m2	High brightness 600-700cd/m2
Power Supply	Low duty cycle power supply	High duty cycle power supply, 5 year warranty. Open Frame
Video Retention	Images in motion only, high risk of retention	Static/dynamic images, low risk of video retention
Video Scaling	Pixelation will occur, poor images	Perfect resolution every time, no pixelation
Video Controller	No external display controls	Multi in-out, RS-232 external display control/connector, VGA, DVI, HDMI
Computer	Integrated PC not available	Integrated ModPak: Full IPC, ProAV or Standard Monitor
Warranty	Voided when used in industrial plants	2 Year limited warranty on parts and labor, extended warranty available

¹ Standard Bezel is 11.5mm

Touchscreen Solutions



PWS70 with ModPak Player

The DYNICS Portable Workstation is our answer to an increasing need to bring closer interactive action to different locations and multiple audiences.

It combines the dynamic Touch Screen functionality with large displays and integrated ModPak computer in All-In-One Package.

Available in 55" & 70" high bright displays with Wi-Fi connection, rugged, durable and light weight extruded aluminum structure. The PWS is plug and play!

- 55" & 70" Industrial Grade 24/7 Displays
- Multi Gesture Touch Screen
- Extruded Aluminum Structure
- Wi-Fi, Soundbar, Table & Webcam Options
- ModPak Upgradable Technology Supported

PWS Ideal Solution For:

- Mobile Training
- Machine Automation
- Video conferencing
- Process Monitoring
- Quality Control Check
- White board Interactive



Back View of PWS70 with ModPak Player

MS 22 Stations

Industrial HMI eStations

Functionality and versatility are characteristics found in the MS Series. From standard off-the-shelf designs to free standing kiosk or a guard/fence mount, it provides solutions to a wide variety of applications.

It features a 22" Widescreen touchscreen monitor in portrait format and a PIX1 industrial computer with 1 PCI slot and a range of choices of internal configuration.



Guard, Fence, Wall and Column Mounting

Kiosk Mobile Free Standing

MS 22 Key Features:

- 22" Touchscreen
- Silver Powder Coat
- Door Latch Options
- PIX1 Computer
- Gasketed Doors/Opening
- Keyboard Tray

FACTORY DS

Factory Digital Signage Software

Key FactoryDS Features:

- Alarm Notification
- Intelligent Graphic Animation
- Audio Only & Full Video Support
- Connect to Any Database
- Email Notification
- Event Tracking
- PDF Exporting
- Publish Screens as Web Pages
- Consistent Reporting
- Scalability
- Support of +240 PLC Drivers
- OPC Support
- Interfaces for FTP & SMTP Email

FactoryDS is a powerful software application with automation tools to develop and support Large Format Digital Signage in an industrial environment.

We provide customized solutions for ANDON supervisory control, process monitoring, OEE and operator user interface through multiple PLC and network platforms.

FactoryDS includes an object-oriented database, math functions, report generation, archiving, alarms, batch recipes, and interfaces for PLCs, remote I/O and TCP/IP networking.

Key FactoryDS Key Elements:

- **Viewable from long distances:** Create visually stunning displays using high contrast, large fonts (up to 1.5 feet tall)
- **Remote alarm notification:** No need to have line-of-sight to the ANDON display, receive alarm notifications on your iPad, Android phone or even a text pager. Enable your staff to be more efficient, wherever they are.
- **Communicate to anything:** No need to purchase extra communications, FactoryDS includes connectivity to PLCs, databases, building automation systems an anything you can imagine.

Applications:

- PROFIBUS
- EtherNet/IP™
- ControlNet™
- Thick and Thin Architecture

Soundbar

Industrial Speaker System



The Soundbar accessory provides an industrial speaker system that easily integrates into the LX, NX, VW and PWS products through wired, wireless and RF remote options.

Clear sounds up to 100Db controlled by standard computer controls enclosed in rugged metal with tilting brackets to direct sound where you need it.

Key Soundbar Features:

- Rugged steel structure
- Durable Black Power Coat Finish
- 4 Speakers, 2 Channels
- Available for Back to Back Units
- Remote Application 0-500'
- Quick Disconnect
- Tilt angle of -30° to +30° to direct sound
- 42 Watt, connects directly to monitors
- Connects to LX, NX, PWS and Video Wall Units
- Industrial grade speakers
- LAN or RF
- Ease of Mounting

Bracket Mounts

Mounting System for single VESA



The custom made DYNICS industrial mounting systems for single and double VESA provide adjustments from 5° to 20° tilting. Made of rugged steel construction for heavy duty use with 32" to 70" industrial enclosed units. Mounting options include ceiling, column pole or reinforced wall.

Easy attachment to LX and NX single units through the 400x400 mm VESA pattern. Max weight 250lbs.

Bracket Mount Features:

- Tilt angle of 5° to 20°
- Strut to VESA ready on the single bracket
- Attaches to single or double LX or NX units

About DYNICS

- ★ **MADE IN USA.** All DYNICS products are proudly designed, engineered, manufactured and assembled in our Ann Arbor facility, and supported by experienced technicians. DYNICS is dedicated to supporting channel partners with a profitable business alliance which includes award winning products, excellent service and support, and solid tools to meet any space, environment or performance criteria. PanelWorx and FactoryDS are brands of DYNICS.



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