



Solutions for Demanding Applications

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VarTech Systems Inc.

Rugged LCD Flat Panel Displays
&
Industrial CRT Monitors



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www.vartechsystems.com

LCD Flat Panels

DIAMONDVUE SERIES RUGGED INDUSTRIAL SERIES

SCREEN SIZES:

6.4" 8.4" 10.4" 12.1" 15.0" 18.1" 20.1" 21.3" 23.1"

Soon to Come:
17.0" and 19.0"



Chassis Mount



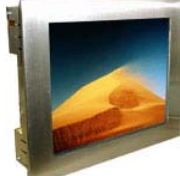
Panel Mount



Rack Mount



Wall / Arm Mount



Stainless Steel



Ruggedized
Tabletop

DIAMONDVUE STANDARD FEATURES:

- NEMA 4, NEMA 4X, NEMA 12
- HD15, NTSC/PAL, S-Video on most models
- Black Textured Powder Coat Finish
- 16 gauge Stainless Steel Chassis Construction
- High Contrast Ratios
- Wide Viewing Angles
- Plug-and-play to any Standard PC
- Industry standard video interface
- On-Screen Display for User Adjustments

DIAMONDVUE AVAILABLE OPTIONS INCLUDE:

- High Bright and Daylight Readable Panels (ie. 500 Nits to 1400 cd/m²)
- Integrated Resistive, Capacitive or SAW Touch Screens
- 5BNC Video Inputs
- Low Scan "Multiscan" 15-64kHz
- Stainless Steel Gasketed Front Bezel for NEMA 4X Wash-down Environments
- Resolutions: VGA, SVGA, XGA, SXGA, UXGA

COLORVUE STANDARD FEATURES:

- NEMA 4, NEMA 12
- Black Textured Powder Coat Finish
- HD15(F), Industry standard video interface
- Plug-and-play to any PC
- On-Screen Display for User Adjustments

SCREEN SIZES:

6.4" 10.4" 12.1" 15.0" 18.1"

Soon to Come:
17.0" and 19.0"

COLORVUE SERIES

LIGHT INDUSTRIAL, ECONOMY SERIES



Chassis
Mount



Panel Mount



Rack Mount



Wall / Arm
Mount

POWERVUE SERIES

OF MILITARY MARINE DISPLAYS
FOR USE IN VERY HARSH ENVIRONMENTS



POWERVUE STANDARD FEATURES:

- Ruggedized Military Flat Panel Displays for the most severe environments (designed to meet MIL-STD-167, MIL-STD-461, & MIL-STD-901D).
- Engineered for Marine mission critical applications.
- Shock tested (30g, 11msec 1/2 sine)
- Vibration tested (±1mm, 2 to 13Hz; 0.7g, 13 to 100hz, 3 axes)
- Brightness Dimmable for Night Operation
- Operating Temperature -20 to 55°
- Humidity 10 to 95% Non-Condensing

SCREEN SIZES:

15.1" 17.0" 18.1" 19.0" 20.1" 23.1"

CONFIGURATIONS AVAILABLE:

Console Mount Metal Tabletop
Panel Mount Wall Mount
Rack Mount Yoke Mount

Typical Applications Include:

- Air Traffic Control
- Vessel Traffic Control
- Shipboard Navigation
- Shipboard Process Control
- Commercial & Military Simulation
- Command Centers
- ECDIS Maps & Radar Imagery

CRT Monitors

CRT FEATURES / OPTIONS:

- ◆ Slow Scan models, 15 to 30 kHz, CGA, EGA, NTSC/PAL and other special OEM Video Formats
- ◆ High Resolution Models: VGA, SVGA, XGA, SXGA, UXGA 1600 x 1200
- ◆ True Flat CRT Models Available
- ◆ Ultra-Fine Dot Pitch Models (.20mm)
- ◆ On-Screen User Controls
- ◆ Dual Inputs with A/B switching
- ◆ Integrated Touch Screen options: Infrared, Capacitive, Resistive, SAW
- ◆ Models designed to meet NEMA standards
- ◆ Auto-scanning functionality
- ◆ All models designed to meet agency approvals such as UL, CSA, DHHS, CE, FCC, etc.
- ◆ Need Analog, NTSC/PAL, TTL, BNC, Sync on Green, 9-pin D, HD15 connections? No problem.
- ◆ Custom designs encouraged
- ◆ Rugged construction, plated-through the hole circuit boards, capability of handling high operational temperatures

SCREEN SIZES:

12" 14" 15" 17" 19" 20" 21"
28" 29"



Console Mount



Panel Mount



Rack Mount



Metal Tabletop

All CRT Monitors are backed by a TWO year warranty.

Also Available: Monitors for Special OEM Furniture



We supply 100% compatible monitors designed specifically to Interface both electrically and mechanically with systems manufactured by the following Process Control companies*

*All Brand Names are registered trademarks of their respective owners.

- | | |
|----------------------|----------------------------|
| ◆ ABB | ◆ Max Controls |
| ◆ Advanced Controls | ◆ Measurex |
| ◆ Allen Bradley | ◆ ModComp |
| ◆ Bailey Controls | ◆ Modicon |
| ◆ Encore/Gould/SEL | ◆ Moore Products |
| ◆ Farranti | ◆ NDC Infrared Engineering |
| ◆ Forney Engineering | ◆ QEI |
| ◆ Foxboro | ◆ Rockwell Automation |
| ◆ GE Harris Controls | ◆ Siemens Automation |
| ◆ Honeywell | ◆ Valmet |
| ◆ Johnson Controls | ◆ Varian |
| ◆ Fisher Rosemount | ◆ Westinghouse |
| ◆ Landis & Gyr | ◆ Yokogawa |
| ◆ Leeds & Northrup | ◆ ...plus many more |

Custom Design

VarTech's Engineering Team has over 100 man years of industrial LCD and CRT product design expertise available to assist you in achieving your customized mission critical applications.



We encourage custom designs, Please let us know how we can assist you with your specific needs.



**VARTECH
SYSTEMS INC.**

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Need Repairs?



BASIC REPAIR PROGRAMS CRT REPLACEMENT PROGRAMS TOTAL REMANUFACTURING PROGRAMS

- ♦ One year warranty on all Service Programs
- ♦ Quick turn around times
- ♦ Each of our factory trained technicians have an average of 15+ years experience
- ♦ Thorough cleaning of entire monitor
- ♦ Comprehensive testing prior to shipment
- ♦ Exceptional return shipment packaging
- ♦ Sophisticated diagnostic capabilities
- ♦ Setting of all video controls, color setup, and CRT convergence back to original manufacturer's specifications
- ♦ Free evaluation, we don't fix it - You don't pay.



VarTech Systems provides repair services for a wide variety of display products manufactured by:

- | | | | |
|-----------------|-------------------|-----------------|-------------------|
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| • Aydin | • Diansonics | • Ikegami | • Panasonic |
| • Ball | • Dontronix | • Image Systems | • SASSI |
| • Barco | • Dynapath | • Intecolor | • Shimadzu |
| • Bridgeport | • Eaton | • KME | • Siemens |
| • Chromatics | • Electrohome | • Mazatrol | • Sony |
| • Chuomusen | • Fagor | • Microvitec | • Tektronix |
| • Computron | • Fanuc | • Milacron | • Varian |
| • Conrac | • Heidenhain | • Mitsubishi | • Vickers |
| • Cornerstone | • Hewlett Packard | • Monitem | • Wells Gardner |
| • Cutler Hammer | • Hitachi | • NEC | • Xycom |
| • Dataray | • IDEK | • Nematron | ...plus many more |

DIRECT REPLACEMENT MODELS ARE ALSO AVAILABLE FOR:

- | | | |
|-----------------|-------------------|-------------------|
| • Aydin | • Hitachi | • NEC |
| • Allen Bradley | • Hewlett Packard | • Nematron |
| • Barco | • Iiyama | • Panasonic |
| • Chromatics | • Ikegami | • Sony |
| • Conrac | • Intecolor | • Tektronix |
| • Cornerstone | • KME | • Xycom |
| • DEC | • Microvitec | ...plus many more |
| • Electrohome | • Mitsubishi | |

We offer brand new industrial LCD flat panels and CRT monitors at cost effective prices! Replace your old, low-performance unit with a new, 100% compatible, affordable, quality replacement flat panel or CRT Models available to replace monitors originally produced by*:

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