MicroDISC MD-3UDS21-LCD

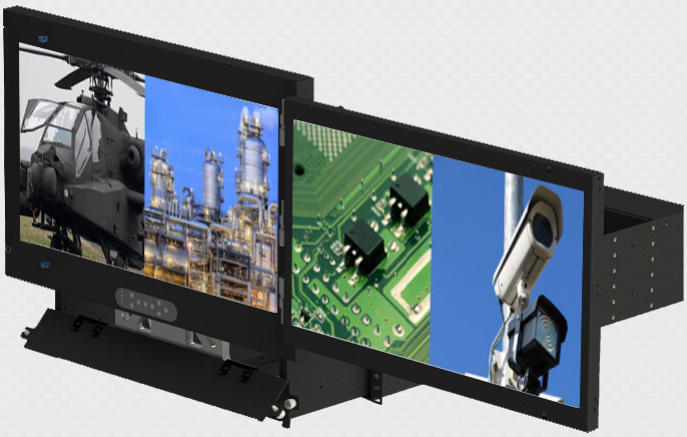
RUGGED MULTI-DISPLAY PLATFORM

This new 21.5" product represents the next generation of technology available in our line of rack mounted multi-head platforms. The drive behind this new development was primarily to meet the needs for larger displays with increased ruggedness within a small package. With this 21.5" platform we succeeded in being able to offer a dual 21.5" LCD Widescreen Full HD 1920x1080 displays in one 3U rack drawer product. In addition we not only increased the size of the displays with this new platform but we increased it's capabilities as well. Now we can offer high bright and touch options on ever panel. We also developed a new OSD button board to go along with the new platform as well. Traditionally each panel would have it's own OSD button board and controls to manage. With this new platform we developed a brand new unified OSD button board mounted on the center screen. WIth this new button board design you can not only toggle each panel individually but you can also select them all at once which allows unprecedented functionality. The added by product of this new feature also provides increased realiability with less cabling required between displays.

With this new platform we also offer the latest LCD control technology with support for Digital-Picture in Picture support as well as a variety of video inputs available per discrete panel (VGA, DVI-D, CVS(2x), YPbPr, and Single/Dual Channel HD/SD-SDI), An adjustable front face comple- ments the design as it can be brought up and stowed out of the way so that it doesn't obscure any equipment mounted below. Intelligent design was in mind from the start and it is apparent in the details.

Features

- 3U 26" Deep Drawer for 1/2/3 Screens
- 4U Quad Display Version Available
- Adjustable Front Face
- Integrated Cable Guide
- Heavy Duty Friction Slides
- Robust Torque Hinges
- 90 Degree Mechanical Swivel
- Gas Spring Supports
- Flexible Video Options: VGA, DVI, CVS(2x), YPbPr, Single or Dual Channel 3G HD/SD-SDI
- XLR Power Cord
- 0-50C Operating Temperature
- -20-60C Storage Temperature



MILITARY . DATA COLLECTION . MACHINE VISION . SURVEILLANCE

MicroDISC
IMAGE PROCESSING SPECIALISTS

RUGGED MULTI-DISPLAY PLATFORM

SPECIFICATIONS

LCD Panel Specifications:

- 21.5” W FHD 1920x1080 Displays
- LED Backlit, 16.7M Colors
- Ultra Wide Viewing Angle 178/178
- 250NITS Brightness (HB Optional)
- 1000:1 Contrast Ratio
- Response Time 8ms G to G
- Hard Coating (3H) Anti-Glare Treatment

CONFIGURATIONS

MD-3USS21-LCD
- Single Screen
- Dimensions: 5.25”H x 19”W x 26”L
- Weight: Approx. 50lbs
- Power consumption: 35W

MD-3UDS21-LCD-*
- Dual Screen
- Dimensions: 5.25”H x 19”W x 26”L
- Weight: 61lbs
- Power consumption: 70W

* L= opens LEFT, R= opens RIGHT

MD-3UTS21-LCD
- Triple Screen
- Dimensions: 5.25”H x 19”W x 26”L
- Weight: Approx. 70lbs
- Power consumption: Approx. 105W

MD-4UQS21-LCD
- Quad Screen
- Dimensions: 7”H x 19”W x 26”L
- Weight: Approx. 85lbs
- Power consumption: Approx. 140W

Contact MicroDISC sales for complete server board specifications and single socket solutions.

ABOUT MDI

Since 1984, MicroDISC has been providing Government, Military/Aerospace, Industry and Academia with invaluable knowledge and expertise in the field of machine vision, image processing and the packaging of integrated or embedded systems across a broad range of computer architectures and operating environments. Our commitment is to deliver the latest in leading edge technology packaged to meet the needs of our customers using mostly commercial-off-the-shelf (COTS) and long life-cycle components.

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