

46" LCD Touch Screen Monitor NEC LCD4620-2-AV 3M Dispersive Signal Technology (DST)

Trident PNs: **N462AB-DST46NB - AV Version**
Speakers not Included



- *46" Touch Screen
- *Integrated DST Touch Screen
- *Under Bezel Integration
- *1366 x 768 Resolution
- *700 cd/m2 Brightness
- *HDTV Monitor
- *3 Year Warranty - Monitor and Touchscreen Components

Your digital signage applications will never look the same. This 46" large format LCD display, available in both AV and IT versions, will give your messages and images the "wow factor" they need to reach audiences with maximum impact. Its ultra-thin bezel design gives this model a clean and sleek design, perfect for video wall applications.

Integrated with 3M DST touch technology, this large format LCD touch screen display is an excellent option to equip public spaces with touch interactivity. With touch technology designed specifically to function in harsh public environments, the DST4620 touch screen monitor is perfect for applications in malls, airports, retail spaces, restaurants, hospitals, training facilities, financial institutions, churches, boardrooms, and for facility directories and wayfinders.

| Specifications: | | Dimensions: | |
|--------------------------------|---|--------------------|--------|
| Viewable Image Size | 46" | Without Stand | |
| Brightness | 700 cd/m2 | 24" | Height |
| Viewing Angle | 178° Vert. , 178° Hor. | 41.6" | Width |
| Resolution | 1366 x 768 | 5.5" | Depth |
| Power Consumption | 240W | 79.6 LBS. | Weight |
| Input Video Formats | 1080i, 1080p, 480i, 480p, 720p | | |
| Supported Computer Resolutions | 1024x768 (XGA), 1280x1024 (SXGA), 1280x768 (WXGA), 1360x768, 1600x1200 (UXGA), 1920x1080, 640x480 (VGA), 720x400, 800x600 (SVGA), 832x624 | | |

3M Dispersive Signal Technology (DST)

Highlights

- *Fast, Accurate, Repeatable Touch
- *Static objects do not interfere with touch function
- *Touch unaffected by surface contaminants
- *Operation unaffected by surface damage
- *3 Year warranty - Touch Screen and Controller



3M Dispersive Signal Technology (DST) is poised to become the touch technology standard for large-screen interactive displays. Where traditional touch technologies detect "touch" by interrupting acoustic waves, optical fields, or infrared beams above the surface of the touch screen, DST precisely calculates touch locations by analyzing the bending waves, within the glass substrate, created by the user's touch.

This unique approach provides fast, accurate, reliable touch performance and operation unaffected by contaminants, scratches, or static objects on the screen, making DST an excellent choice for touch interactive applications in the digital signage market. Also, DST supports hand, glove and stylus input and multi-user capability.

Specifications:

| | | | |
|---------------------------|---|----------------------------|--|
| Construction | Chemically-strengthened glass substrate with piezo mounted on the rear of each corner. Each screen mated to sophisticated, dedicated controller | | |
| Input Method | Finger and stylus | Available Protocols | Serial and USB |
| Accuracy | Better than 99% | Touch Drivers | Windows XP, Windows 2000, Windows Vista, Windows CE, Linux Kernel 2.4 and 2.6, MAC OSX |
| Response Time | 20 ms for tap input | | |
| Light Transmission | 92% transmission +/-2% | Available Sizes | 32", 40", 42", 46" |

*Anti Glare finish can be cleaned with standard, non-abrasive glass cleaners