

42" LCD Touch Screen Monitor NEC LCD4215 Display 3M Dispersive Signal Technology (DST)

Trident PN: **N4215B-DST42**
Speakers not Included



- *42" Touch Screen
- *Integrated DST Touch Screen
- *Under Bezel Integration
- *1366 x 768 Resolution
- *500 cd/m2 Brightness
- *720p Display Format
- *Landscape or Portrait Orientation
- *3 Year Warranty - Monitor and Touchscreen Components

Bring your messaging into the digital age with this 42" large format LCD display. A perfect option for the digital signage market, this model is a commercial-grade, large-screen LCD display that provides a cost-conscious solution for digital signage applications. This model features a public display-grade panel that protects against permanent image retention, and a full selection of inputs, which allows you to connect to a wide range of peripheral devices.

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 DST425 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 | 42" | Without Stand | |
| Brightness | 500 cd/m2 | 24.2" | Height |
| Viewing Angle | 178° Vert. , 178° Hor. | 40.3" | Width |
| Resolution | 1366 x 768 | 5.2" | Depth |
| Power Consumption | 210W | 45.2 LBS. | Weight |
| Connector Types | DVI-D (24 pin), 15 pin HD D-Sub (VGA input), BNC x 5 (RGB input), BNC composite video output, 4 pin mini-DIN (S-Video input), RCA phono (composite video input), BNC x 3 (component video input) | | |



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