



## 32" INDUSTRIAL TOUCHSCREEN LCD-NEC-3M-DST

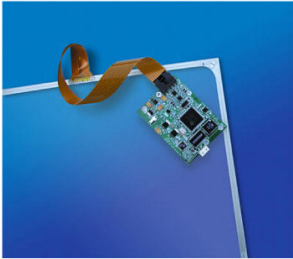
Model: RCH3200N-TSB-DST

### 32" commercial-grade LCD displays ideal for digital signage applications

Maximize your messaging without having to maximize your budget. The NEC MultiSync 15 Series, featuring the 32" NEC LCD provides a cost-conscious solution for your digital signage applications. Their high-performance panel and abundance of advanced technologies that promote extended use, along with an adaptable mechanical design, make these displays ideal for a wide variety of environments. Drive foot traffic and sales in retail stores. Whet appetites in restaurants. Build brand awareness and turn heads during presentations in corporate lobbies and boardrooms. With the MultiSync 15 Series, you can create dynamic digital signage solutions in virtually any space and achieve your business goals.

- **Commercial-grade design** lead to the displays' extended use for various applications
- **Public-display-grade panel** protects against permanent image retention
- **Comprehensive input panel** connects you to the latest peripherals
- **500 cd/m2 brightness and 800:1 contrast ratio** help create eye-catching images and crisp, easy-to-read text
- **Protective-glass and touch-panel ready design** provide opportunities for module protection and interactivity
- **TileMatrix™** allows you to create video walls (up to 16 displays in a 4x4 matrix equalling 12 ft. diagonal)
- **TileComp™** works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall
- **Landscape and portrait orientations** allow for flexible content placement, maximizing audience awareness
- **RS-232 input with diagnostics** provides high-quality serial control
- **Scheduler with round-the-clock feature** allows for 7-day scheduling of content and powering of the display

### Designer piece, entertainer and sales professional –



#### Fundamentally Different Touch for Interactive Signage

For most popular large-format touch technologies touch position is calculated when a finger interrupts an optical field, infrared light beams or acoustic waves on or above the surface of the touch screen substrate. Relying on these active surface properties makes these technologies susceptible to different types of interference or environmental limitations, which makes 3M's Dispersive Signal Technology (DST) a fundamentally different touch solution for large-format display applications.

The MicroTouch DST Touch System, based on 3M Dispersive Signal Technology, consists of a chemically-strengthened glass substrate with piezos mounted on each corner, mated to a sophisticated, dedicated controller. The DST Touch System determines the touch position by pinpointing the source of bending waves created by finger or stylus contact within the glass substrate. This process of interpreting bending waves within the glass substrate helps eliminate traditional performance issues related to on-screen contaminants and surface damage, and provides fast, accurate touch attributes.

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## Specifications:

<b>LCD Module</b>	
Viewable Size (diagonal)	32"
Panel Technology	S-IPS
Native Resolution	1366 x 768
Pixel Pitch	0.511mm
Brightness (typical)	500 cd/m2
Contrast Ratio (typical)	800:1
Active Screen Area (W x H)	27.5 x 15.4 in. / 697.7 x 372.3mm
<b>Features</b>	
Additional Features	Advanced cooling system for long operation; Intelligent Power Management System; advanced self diagnostics with communication; portrait/landscape; TileMatrix (up to 16 displays); TileComp; screen saver; control key lock-out mode; complete scheduler; NaViSet; picture-in-picture (PIP); side-by-side (SBS)
<b>POWER</b>	
Power Requirements	AC 100-240V@50/60 Hz
Power Consumption (typical)	140W
Power Consumption - Standby Mode	<5W
<b>PHYSICAL SPECIFICATIONS</b>	
Bezel Width (L/R, T/B)	1.7 in., 1.6 in. / 44.2mm, 40.5mm
Dimensions (without stand; WxHxD)	31.1 x 18.8 x 5.2 in. / 789 x 476.3 x 133mm
Packaging Dimensions (WxHxD)	36.6 x 24 x 11.1 in. / 930 x 610 x 283mm
Net Weight (without stand)	35.7 lbs. / 16.2 kg
Gross Weight (with box)	51.8 lbs. / 23.5 kg
VESA Hole Configuration	200 x 200mm (4 hole)
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature	5-40°C / 41-104°F
Operating Humidity	20-80%
<b>ACCESSORIES</b>	
Included	Power cord, 15-pin D-sub cable, user manual, setup sheet, wireless remote control, batteries, main power switch cover, CD-ROM
Optional	External speakers (SP-3215), stand (ST-3215), tilt wall mount kit (WMK3260-L), Digital Signage Kit (DSK3260)
<b>WARRANTY/SERVICE</b>	
On-Site Limited Warranty	3 years parts and labor, including backlight

