

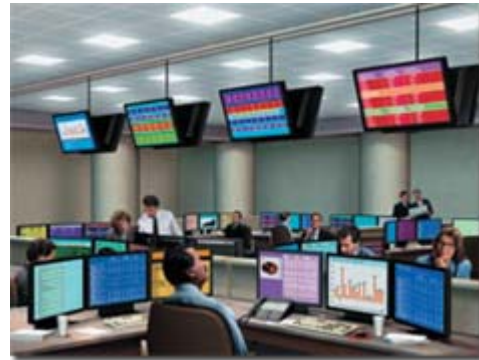


**Model:  
RCHM4000-TSB-DST**

## **40" Industrial touch Screen LCD-NEC-3M-DST**

### **DESIGNER LOOKS WITH A PROFESSIONAL ATTITUDE**

- Full 1080p HD resolution
- Open architecture expansion slot
- Interchangeable black or silver bezel
- Digital video interface with HDCP
- Thermostatic cooling protection for long life
- Simple on-screen menu navigation
- SpectraViewII™ Color Calibration Solution
- GammaComp™ MD DICOM and programmable lookup table
- Adjustable color temperature (2600 - 10,000K)
- CableComp™ long cable compensation
- Available HD tuner, speakers and wall mount
- 3-year parts and labor warranty, including backlight

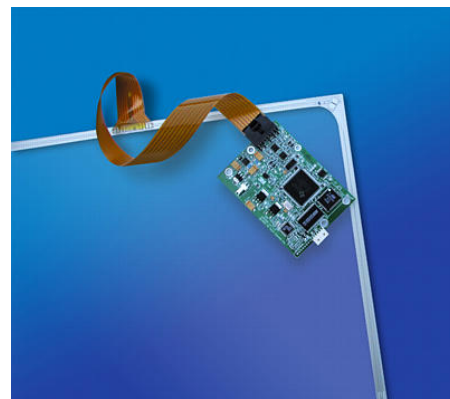


### **MicroTouch DST Large Format Touch System**

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.



**Toll Free: 1-888-itech-18 Fax: 1-510-372-2736 E-mail: info@i-techcompany.com**



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# 40" Industrial touch Screen LCD-NEC-3M-DST

## Product Specifications

### Connectivity

Connector Type	Video
Connector	Mini-phone 3.5mm
Connector Type	DVI
Connector	DVI-D (F)
Connector Type	Audio
Connector	BNC (F)
Connector Type	Component video
Connector Type	Composite video
Connector	HDD15 (F)
Connector	RCA (L/R)
Connector	RCA Composite
Connector Type	RGB

### General

Attributes	Remote control
Model	NEC
Attributes	Picture-in-picture (PIP)
Attributes	Zoom
Color	Silver

### Performance

Horizontal Frequency	31.5-91.1 kHz
Vertical Frequency	50-85 Hz
Response Time/Rate	18 ms
Dot Pitch	0.461 mm

### Standards

Compliant Standards	EN60950
Compliant Standards	FCC Class B certified
Compliant Standards	UL
Compliant Standards	CE
Compliant Standards	CSA
Compliant Standards	DDC-2B
Compliant Standards	Plug and Play
Compliant Standards	RoHS

### Video

Digital Video Standard	Digital Visual Interface (DVI)
Contrast Ratio	1000:1
Display Technology	LCD
Display Type	Widescreen
Internal Resolution (maximum)	1920 x 1080
Display Size	40 in
Image Brightness	450 nit(s)
Color Support	16.7 million colors
Viewing Angle (H/V)	178/178 degree(s)
Actual Weight	71.9 lbs.
Compatibility Notes	Resolutions supported: 640 x 400 @ 56.2 Hz 720 x 400 @ 70-85Hz 640 x 480 @ 50-85 Hz 800 x 600 @ 50-85 Hz 832 x 624 @ 74.5 Hz 1024 x 768 @ 50-85 Hz 1280 x 1024 @ 50-85 Hz 1600 x 1200 @ 60 Hz 1280 x 768 @ 50-85 Hz 1360 x 768 @ 50-85 Hz 1920 x 1080 @ 60 Hz NTSC / PAL, SECAM, 4.43NTSC, Pal60 HDTV, 480i, 480p, 720p, 1080i, 1080p VESA 200 x 200mm (8 hole) and 200 x 100mm (6 hole) mounting patterns.

### Contents

Ports/Connectors	Monitor, stand, power cable, signal cable, remote control with batteries, CD, documentation (1) DVI-D with HDCP (F) (1) HDD15 (F) (1) BNC (1) RCA Composite (F) (1) Mini-phone 3.5mm (F) (1) RCA (L / R) (F)
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### Power Notes

Warranty - Labor	Voltage: 100-120 / 220-240VAC, 50 / 60Hz Consumption: 300W (on), <5W (power save mode)
Warranty - Parts	3 Years
	3 Years



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