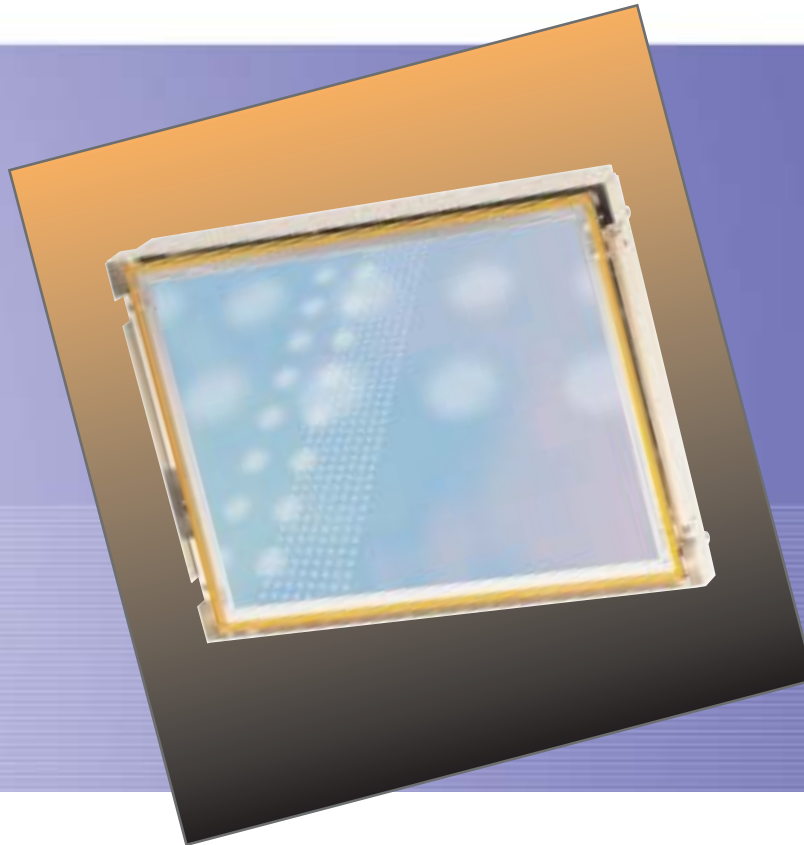




## MicroTouch™ ChassisTouch™ FPD Touch Monitor

TOUCH MONITORS



### **Product Highlights**

- Slim design is conducive to sleek kiosk design trends
- Robust metal enclosure provides mounting stability and protection for the FPD display
- VESA-mounting hole pattern on the back allows for arm mount capability or bracket-mounting within the enclosure
- Optional bezel available
- Available in 15" or 17" sizes

### **Slim, Compact Display offers Durable Touch Solution**

MicroTouch™ ChassisTouch™ FPD monitors from 3M are designed for easy integration into kiosks, industrial enclosures and other installations where compact, touch-integrated displays are preferred. ChassisTouch™ FPD monitors offer a more compact enclosure, better optics, lower power usage, longer life and less heat generation than CRT chassis monitors. These slim profile monitors are ideal for use in a broad range of kiosk and light industrial applications.

When design space is limited, the slim metal case of the ChassisTouch™ FPD touch monitor is ideal. Back-mounted display controls are accessible even with the monitor sitting flush with the face of the enclosure, improving the aesthetics of your integration. An optional bezel (user installable) is available for applications requiring a more finished appearance.

### **Making the Difference**

The ChassisTouch™ FPD touch monitors are available with MicroTouch™ ClearTek™ capacitive touch screen technology. Capacitive technology has a proven track record of durability and reliability in heavy usage applications. A ClearTek sensor with Industrial (C) Etch has been tested in a laboratory environment to withstand over 225 million mechanical touches without noticeable degradation to the surface.\*

\* Mechanical touches for *capacitive* were tested on a single x,y location and for *resistive* were tested on a single 1cm location, each using a finger-like stylus of 45 durometer, "A" shore hardness, 0.5 diameter with a load of 0.46 pounds, +/- .01 pounds of force.

# Specifications

## MicroTouch™ ChassisTouch™ FPD Touch Monitors

	15"	17"
<b>FUNCTIONAL FEATURES</b>		
LCD Technology	TFT, Active Matrix	TFT, Active Matrix
Display Colors	16.7 million	16.7 Million
Pixel Pitch	.297 mm	.264mm
Brightness w/o Touch Screen	250 cd/m <sup>2</sup> Typical	250 cd/m <sup>2</sup> Typical
Brightness w/ Touch Screen (max.) <sup>1</sup>	215 cd/m <sup>2</sup>	215 cd/m <sup>2</sup>
Contrast Ratio	300:1 Typical	350:1 Typical
Response Time	25 milliseconds	25 milliseconds
Viewing Angle	Horizontal: +/- 65 degrees minimum Vertical: +50/-60 degrees minimum	Horizontal: +/- 75 degrees Typical Vertical: +65/-60 degrees Typical
Control Type	OSD	OSD
On Screen Display Controls	Brightness, Contrast, Geometry, Phase, Auto-adjust, Sharpness, OSD control, Default, Exit	Brightness, Contrast, H/V Position, Phase, Auto-adjust, Sharpness, OSD control, Frequency, Utility
Maximum Resolution	1024 x 768	1280 x 1024
Number of Allowable Unlit Pixels	10	10
Operating Environment	0 to +40 degrees C, 90% Relative Humidity, Non-condensing	0 to +40 degrees C, 90% Relative Humidity, non-condensing
Storage Environment	-25 to +60 degrees C	-25 to +60 degrees C
<b>PHYSICAL FEATURES</b>		
Physical Dimensions (WxH) (without Bezel)	361.2 x 273.7 x 48 mm 14.2 x 10.77 x 1.89 inches	405.7 x 335.1 x 49 mm 15.98 x 13.18 x 1.93 inches
Display Area (WxH)	304.1 x 228.1 mm 11.9 x 8.9 inches	337.9 x 270.3 mm 13.3 x 10.6 inches
Video Cable Connector	15 Pin D-Sub	15 Pin D-Sub
Power Supply	12V DC Power Supply	12V DC Power Supply
Power Savings	DPMS, VESA Compliant	DPMS, VESA Compliant
Power Consumption	20 Watts Normal	20 Watts Normal
Backlight Life	35,000 hrs. Typical	35,000 hrs. Typical
Weight	3.3kg/7.3 lbs.	4.6kg/10.1 lbs
Agency Approvals	FCC B, CE, UL/cUL	FCC B, CE, UL/cUL
Mounting Options	2 sets of brackets, VESA 100 mm	2 sets of brackets, VESA 100 mm
Warranty	3 years FPD 5 years touch sensor and components	3 years FPD 5 years touch sensor and components



15" ChassisTouch  
arm mounted



17" ChassisTouch

(1) Brightness measured on a display with MicroTouch capacitive C-etch sensor.

NOTE: Mechanical Drawings available for all ChassisTouch Monitors at [www.3Mtouch.com](http://www.3Mtouch.com)

NOTICE: Given the variety of factors that can affect the use and performance of a 3M Touch Systems Product (the "Product"), including that solid state equipment has operation characteristics different from electromechanical equipment, some of which factors are uniquely within User's knowledge and control, it is essential that User evaluate the 3M Touch Systems Product and software to determine whether it is suitable for User's particular purpose and suitable for User's method of application. 3M Touch Systems' statements, engineering/technical information, and recommendations are provided for User's convenience, but their accuracy or completeness is not warranted. 3M Touch Systems products and software are not specifically designed for use in medical devices as defined by United States federal law. 3M Touch Systems products and software should not be used in such applications without 3M Touch Systems' express written consent. User should contact its sales representative if User's opportunity involves a medical device application.

IMPORTANT NOTICE TO PURCHASER: Specifications are subject to change without notice. These 3M Touch Systems' Products and software are warranted to meet their published specifications from the date of shipment and for the period stated in the specification. **3M Touch Systems makes no additional warranties, express or implied, including but not limited to any implied warranties of merchantability or fitness for a particular purpose.** User is responsible for determining whether the 3M Touch Systems Products and software are fit for User's particular purpose and suitable for its method of production, including intellectual property liability for User's application. If the Product, software or software media is proven not to have met 3M Touch Systems' warranty, then 3M Touch Systems' sole obligation and User's and Purchaser's exclusive remedy, will be, at 3M Touch Systems' option, to repair or replace that Product quantity or software media or to refund its purchase price. 3M Touch Systems has no obligation under 3M Touch Systems' warranty for any Product, software or software media that has been modified or damaged through misuse, accident, neglect, or subsequent manufacturing operations or assemblies by anyone other than 3M Touch Systems. **3M Touch Systems shall not be liable in any action against it in any way related to the Products or software for any loss or damages, whether non-specified direct, indirect, special, incidental or consequential (including downtime, loss of profits or goodwill) regardless of the legal theory asserted. (7/02)**



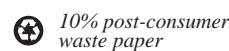
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### Worldwide Manufacturing Plants:

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 Milwaukee, Wisconsin  
 Vancouver, BC Canada

**For more information on 3M touch products,  
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