

# MicroTouch™ M150HB



## High Brightness 15" LCD Touch Monitor

### Product Highlights

- 550 nit LCD display  
500 nit brightness value with touch screen
- 500:1 Contrast Ratio
- Peripheral Attachment System
- Locking adjustment angle
- Locking OSD controls
- 3 year warranty
- Proven 3M touch technology

### Enhanced Video Performance

The MicroTouch™ M150HB 15" LCD Touch Monitor delivers enhanced display performance in a built-for-touch form factor. With 500-nit brightness and a 500:1 contrast ratio, this touch screen monitor is ideal for a multitude of applications, and excels in high ambient light environments where standard display panels could "wash-out" or look dim. The enhanced brightness and contrast also help produce more vivid, distinct colors – giving graphics and color intensive applications ideal visual appeal.

The M150HB monitor offers maximum touch stability and installation flexibility with the added benefit of enhanced LCD display performance. Potential applications for the M150HB include POS stations situated near windows, shaded outdoor applications in retail and hospitality, and anywhere high ambient light conditions could diminish perceived display quality.\*

### Making the Difference

Available with USB connectivity, the MicroTouch™ M150HB LCD monitor is offered with MicroTouch™ ClearTek™ II capacitive touch technology. ClearTek™ II touch screens, combined with the solid foundation of MicroTouch™ EX II electronics and robust MicroTouch™ software offer high endurance solutions for a multitude of touch applications where exceptional performance, vibrant optics and environmental robustness is mission critical, 24/7.

\*The M150HB is not intended for use or readability in direct sunlight.

# MicroTouch™ M150HB High Brightness 15" LCD Touch Monitor

## Functional Features 15" LCD

<b>LCD Technology</b>	TFT, Active matrix
<b>Display Colors</b>	16.2 million
<b>Pixel Pitch</b>	.297 mm
<b>Brightness</b> without touch screen	550 cd/m <sup>2</sup> (nit) typical
<b>Brightness</b> with touch screen (max.)	500 cd/m <sup>2</sup> (nit) typical
<b>Contrast Ratio</b>	500:1
<b>Response Time</b>	12 ms typical
<b>Viewing Angle (from center)</b>	Horizontal: ±70 degrees total typical Vertical: ±60 degrees total typical
<b>Front Panel Buttons</b>	Menu, select, adjust, power
<b>On-screen Display Controls</b>	Brightness, contrast, horizontal/vertical position, clock, phase, auto configuration, color. Lockable OSD.
<b>Maximum Resolution</b>	1024 x 768
<b>Operating Environment</b>	Operating temperature: 0 to 40 degrees C Relative humidity, non-condensing 85%
<b>Storage Environment</b>	-20 to +60 degrees C

## Physical Features

<b>Physical Dimensions (WxHxD)</b> (Depth includes base)	408 x 398.3 x 258.7 mm 16.1 x 15.7 x 10.2 inches
<b>Display Area (WxH)</b>	304.1 x 228.1 mm, 12 x 9 inches
<b>Video Cable Connector</b>	15-pin D-sub
<b>Power Supply</b>	12V DC power supply
<b>Power Savings<sup>2</sup></b>	DPMS, VESA compliant
<b>Power Consumption</b>	<40W, normal operation
<b>Backlight Life</b>	50,000 hrs. typical
<b>Weight (Net)</b>	7.4 kg/16.3 lbs.
<b>RoHS Compliant</b>	Yes
<b>Agency Approvals</b>	FCC B, CE, UL/cUL, C-Tick, CCC
<b>Mounting Options</b>	VESA mounting compatible, 75mm
<b>Multimedia</b>	Full multimedia capabilities
<b>Color Option</b>	Black
<b>Controller Option</b>	USB
<b>Warranty</b>	3 Years
<b>Part Numbers</b>	11-81376-225, with monitor stand 11-81336-225, without monitor stand (for arm mounting)

(1) Brightness measured using MicroTouch ClearTek™ II Capacitive

(2) DPMS: Display power management signaling for reduced power consumption during non-use.



Key hole pattern in base allows bolt-down mounting.



Peripheral Attachment System allows use of multiple peripheral devices.



11-81376-225

11-81336-225  
(Arm courtesy of Ergotron)

**3M Touch Systems**  
300 Griffin Brook Park Drive  
Methuen, MA 01844  
U.S.A.

1-888-659-1080

[www.3M.com/touch](http://www.3M.com/touch)

For more information  
on 3M touch products,  
call 888-659-1080

**RoHS Directive compliant:** In accordance with European Directive 2002/95/EC, "RoHS Directive compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M. (9/06)

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