

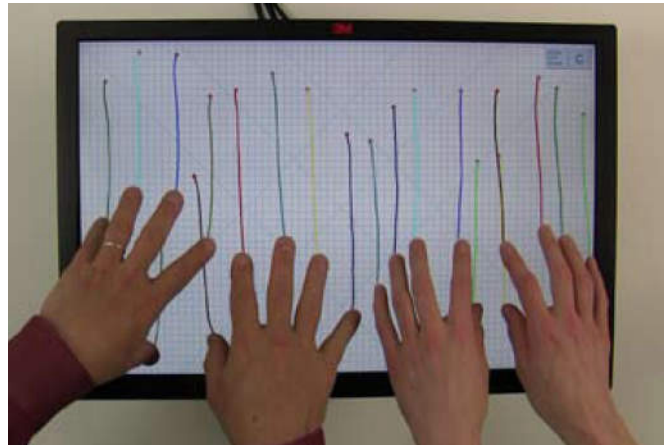
Introducing the **3M™ Display M2256PW** The 22-inch Multi-touch Display for Professional Applications

The 22-inch 3MTM Display M2256PW, featuring industry-leading technology from its fast 20-finger multi-touch input to its high-definition, wide viewing-angle LCD, delivers revolutionary performance designed to exceed the requirements of the most demanding professional applications.

The 3M Display M2256PW display incorporates 3M Projected Capacitive Technology and offers full multi-touch capabilities with less than 6 millisecond response time for 20 simultaneous touches. This means fast, accurate touch response over the entire touch surface.

Traditional multi-touch solutions often work with 2-finger control, while full multi-touch from 3M allows users and developers to experience 20-finger interactions. These interactions combined with unmatched touch precision, accuracy and speed is transforming the way people interact with technology.

The 3M Display M2256PW, 3M's first product to combine the revolutionary 3M Projected Capacitive Technology with a high-definition LCD display, creates an superior user experience for applications ranging from single and multi-user digital signage to collaborative networking to urban planning and solid modeling.



Recommended Applications

- | | |
|-----------------------------|------------------------|
| Computer Aided Design | Education and Training |
| Digital Signage | Telecommunications |
| Security Monitoring Systems | DOHO Marketing |

Feature	Benefit	Feature	Benefit
Full Multi-touch Capabilities	<ul style="list-style-type: none"> • Up to 20 finger input • Fast 6 millisecond touch response for all 20 finger input • Compatible with Windows 7 • Precision touch response • Supports standard gestures 	High-definition Display	<ul style="list-style-type: none"> • 1680x1050 resolution • Wide horizontal/vertical viewing angle allows outstanding off-axis viewing • Excellent image contrast provides sharp brilliant image quality • Superior optical performance • Can be used in a variety of applications allows outstanding off-axis viewing
Projected Capacitive Sensing	<ul style="list-style-type: none"> • Glass front surface for durability • Highly sensitive / Light touch • Works with nitrile, latex and vinyl 		

3M™ Display M2256PW Specifications

Functional Specification

Display Details

LCD	Technology P-MVA (wide angle viewing technology)
Display Colors	16.7 million
Pixel Pitch	.282 x .282mm
Brightness	300 cd/m2 (nit) typical
Contrast Ratio	1000:1 typical
Viewing Angle	Horizontal/Vertical: +/-178 degrees typical
Video Response Time	8 ms typical
Control Type	OSD
Native Resolution	1680x1050

Touch Details

Touch Point Speed	< 6ms for 20-point multi-touch response
Input Type	Finger, thin glove
Touch Communication	Auto detecting, USB and RS232 (Serial)
Operating System Support	Windows XP/ Vista / 7, Linux, Mac OS
Microsoft® certifications	Windows 7 AQ

Physical Specification

Product Details

Operating Environment	0 to +40 degrees C
Relative Humidity,	non-condensing 90%
Storage Environment	-10 to +60 degrees C
Video Input	DVI (HDCP) and VGA
Multimedia Audio input,	3 watt audio output
VESA	100mm x 100mm
Power Supply Internal	110/220 VAC Power Supply
Power Consumption	70 watts maximum
RoHS Compliant	Yes
Agency Approvals	FCC-B, CE, TUV
Warranty	1 Year

Dimensions and Weight

Physical (WxHxD)	513.2 x 337.8 x 60.2 mm
Display Area (WxH) (viewing area)	473.8 x 296.1 mm 18.7 x 11.7 inches
Display weight	8.4 kg / 18.5 lb
Packaging/Display weight	11.0 kg / 24.25 lb

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