3M Revolutionizes Multi-touch Interactivity with 10-Finger Touch

3M Unveils 22-inch Multi-touch Display at CES 2010

3M today unveiled the 3M Display M2256PW, a 22-inch high-definition, multi-touch LCD display which demonstrates 3M's commitment to push the boundaries of traditional touch technology. Based on 3M Projected Capacitive Technology, the M2256PW display is designed for professional and prosumer (professional consumer) applications that need up to 10-finger touch input or multi-user interactivity with very fast response time. While most multi-touch technologies support two-finger touch and gestures, 3M's multi-touch technology supports 10-finger touch input and advanced gesture capability.

Introduced in June 2009 at SID Display Week as the 19-inch 3M Multi-touch Developer Kit, this revolutionary technology offered software developers for the first time a "full multi-touch" hardware platform. "Over the past six months software developers from around the world have been working with the 3M multi-touch platform to develop exciting concepts for multi-touch applications," says Chris Tsourides, business unit manager, 3M Touch Systems.

Utilizing this new technology, software developers are able to revolutionize the way users interact with all types of information and to expand traditional touch interaction to include multiple users and increase collaboration. "Consumers and prosumers have come to expect multi-touch functionality in their everyday electronic devices," Tsourides says. "The release of the M2256PW display provides a technological leap in multi-touch interactivity, surpassing traditional two-finger multi-touch by providing full, 10-finger multi-touch capability."

The 3M Display M2256PW features a high-definition 1680 x 1050 LCD screen, DVI and VGA video input, audio input, USB and RS232 (serial) dual-mode communication protocol and durable, anti-glare front surface. Applications taking advantage of this high level of interactivity include computer aided design, digital signage, computer gaming, security monitoring systems, education and training, and teleconferencing. The M2256PW display is "compatible with Windows 7" so no third party touch drivers are required. For Linux and Windows XP/Vista/7 operating systems, 3M plans to offer a multi-touch driver and software utility, and will offer communication protocol documents for customers who wish to develop their own drivers. Additional information is available at http://www.3m.com/multitouch.

The 3M Display M2256PW is being unveiled at the Computer Electronics Show 2010, 3M booth 20723 (South Hall, ground floor, front).

3M Touch Systems provides innovative touchscreen technology products to customers worldwide under the "3M and "MicroTouch" brands. Popular single touch, gesture touch and multitouch applications include casino gaming, retail point of sale, foodservice, hospitality, self-service, industrial, healthcare and interactive digital signage. For more information about 3M MicroTouch products, visit www.3M.com/touch01. For an overview of popular touch technologies and terminology, visit www.touchtopics.com.

About 3M Touch Systems, Inc.

3M Touch Systems Inc., a wholly-owned subsidiary of 3M and provider of innovative touchscreen solutions, operates globally and reports through 3M Electro and Communications Business, headquartered in Austin, Texas. For more information, visit www.3M.com/touch.

More information about 3M Company, available online.

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Display screen application provided by SpaceClaim Corporation.

For high-resolution images of these 3M MicroTouch products are available by contacting Jane Kovacs, 3M Public Relations, 512-984-6747, jkovacs@mmm.com. For all other inquiries, visit www.3M.com/touch01.

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