



Touch by **SMART™**

CLARITY MATRIX Interactive LCD Video Wall

Planar's Clarity™ Matrix Touch™ LCD video wall is an ultra-thin profile, high-impact interactive display for public spaces or collaborative environments. Clarity Matrix Touch incorporates Planar's ERO™ (Extended Ruggedness and Optics™) technology, preventing damage to the LCD panels and providing a smooth touch surface. Clarity Matrix Touch utilizes DVIT™ (Digital Vision Touch) technology by SMART Technologies, allowing users to write notes in digital ink and interact with content on the video wall using finger touches and touch gestures.

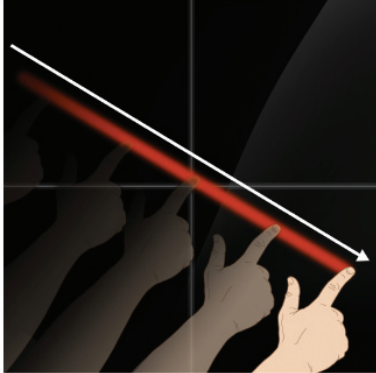
The ERO Advantage

Clarity Matrix with ERO features a glass front to provide increased ruggedness and optical performance for interactive touch applications. The glass surface is optically bonded to the front of the LCD with a proprietary construction and technique to maintain the narrow bezel spacing, creating a continuous surface when tiled together in a video wall. Clarity Matrix with ERO also provides improved optical performance in high ambient light by providing additional ambient light rejection and increased contrast.



Clarity Matrix

Clarity Matrix with ERO



Modular design creates continuous touch surface

Other implementations of touch systems for LCD video walls have required integration of multiple components including a large piece of glass in front of the LCD to protect and provide a touchable surface. This glass can be cumbersome for installation, transport and servicing of large video walls. The modular design of Clarity Matrix with ERO provides a continuous touch surface while ensuring ease of installation, transportation and service, while delivering less parallax error and superior optical properties.

Ultra-Thin Profile

Clarity Matrix Touch maintains an ultra-thin profile with Planar's EasyAxis™ Mounting System. The EasyAxis Mounting System also enables fine adjustments to achieve perfect panel-to-panel alignment, creating a continuous touch surface on a video wall less than five inches deep.

Multi-Touch Interaction

Clarity Matrix Touch utilizes SMART's DVIT technology allowing for touch-enabled interaction and writing on the video wall. Clarity Matrix Touch also supports Microsoft® Windows® 7 Touch gestures that allow users to manipulate objects with gestures like zoom, rotate, pan, flick and toss.

Taking Collaboration & Interactivity to the Next Level

Clarity Matrix Touch comes with SMART Meeting Pro™ software which provides collaboration capability in business environments. It allows users to digitally write on applications, digitally capture and share ideas, mark-up standard office applications and web pages with digital ink, convert digital ink to text, save work in a variety of file formats and distribute everything immediately via email. Clarity Matrix Touch is available in three standard configurations. This modular system includes everything needed to deploy a touch Clarity Matrix LCD Video Wall and is assembled and calibrated during the installation.

CLARITY MATRIX TOUCH SPECIFICATIONS			
	Clarity Matrix Touch 3x3	Clarity Matrix Touch 3x2	Clarity Matrix Touch 2x2
LCD Panel	MX46-L-ERO LX46-L-ERO		
Touch System	<ul style="list-style-type: none"> Modular Touch Hardware Kit DVIT™ (Digital Vision Touch) technology from SMART Technologies SMART Meeting Pro™ 2.2 software including SMART Product drivers and SMART Tools 		
Screen Diagonal	138"	130"	92"
Dimensions (W x H x D)	123.7" x 84.2" x 4.9" 3141mm x 2138.7 mm x 124.5 mm	123.7" x 45.7" x 4.9" 3141 mm x 1160.8 mm x 124.5 mm	83.3" x 45.7" x 4.9" 2115.8 mm x 1160.8 mm x 124.5 mm
Touch Interface	USB		
Power for Touch System	100-240V AC, 50-60 Hz		
OS Compatibility	Windows 7, Windows XP		



When image experience matters.

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