

Sharp/NEC Projected Capacitive Touch Screen Displays

About the Projected Capacitive Solution

Sharp/NEC's line of projected capacitive (PCAP) pre-installed touch overlays are engineered specifically for our high quality commercial grade displays. The display and pre-installed overlay will ship as a complete solution directly to the end user. PCAP technology allows for ultra-fast response times, 40-point of simultaneous touch, and full HID compliance for plug and play connectivity.



Multi-Touch Screen

True multi-touch support with up to eighty simultaneous touch points for all major operating systems



Superior Design

Zero bezel flat front, anti-glare touch screen, excellent optical performance



24/7 Commercial

Grade Display Commercial grade display with around the clock functionality



HID Compliant

Maximum compatibility with numerous operating systems, plug-and-play



Ultra-Fast

Response Time Allows for split second reactions between touch point and screen. Rapid and smooth touch response



Thermoplastic Seal

Eliminates any gap between bezel and glass, providing a no harborage seal



Easy to Clean

Water and dust resistant

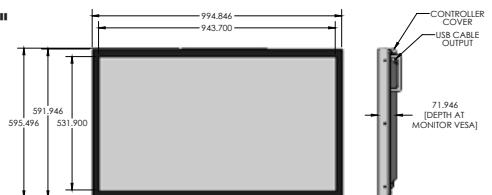


Tempered Glass

In the event of a glass failure, tempered glass breaks down into pebbles rather than shards, leaving a minimal safety hazard.

Solution Sizes Available

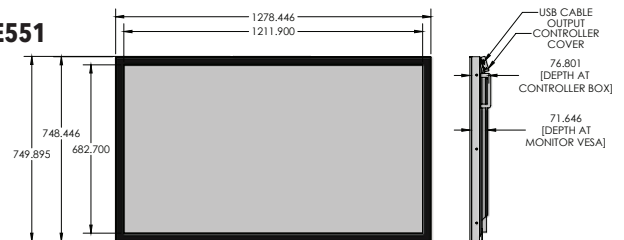
ME431"



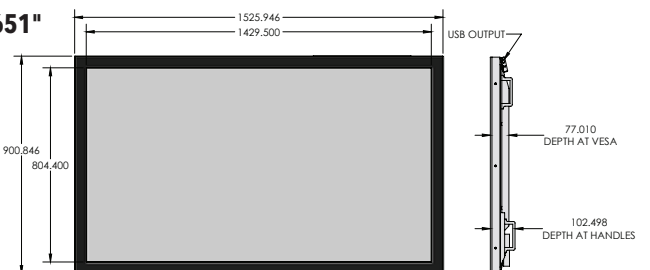
ME501"



ME551"



ME651"



Dimensions shown in mm
Projected Capacitive Touch Screen Overlay Patent Pending

Size	43"	50"	55"	65"
Display Compatible	ME431	ME501	ME551	ME651
PART NUMBER	ME431-PT	ME501-PT	ME551-PT	ME651-PT
Glass				
Thickness	4mm			
Type	Tempered			
Light transmission	TPLuminousness is 83%			
Touch				
Touch Tecnology	Projected Capacitive			
Number of Touches	40-Point			
Response Time	8 ms			
Touch Method	Finger or gloved hand			
Data Interface	HID via USB 2.0			
Accuracy	0.1% of sensor diagonal			
Power Supply Mode	Single USB connection (5v, 1A)			
Duty Cycle	24/7			
Aspect Ratio	16:9			
Orientation	Portrait / Landscape / Face Up / Face Down			
Width/Height/Depth Including Monitor	39.17" x 23.3" x 3.36"	46.04" x 27.17" x 2.88"	50.33" x 29.52" x 3.02"	60.07" x 35.46" x 3.03"
Total Net Weight	57.1 lbs	75.50 lbs	81.4 lbs	125 lbs
Supported Operating Systems	OS Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS Mas OS X Yosemite (multitouch support through TUIO bridge)			

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Product specifications subject to change.

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Cat.No. 25.NEC.80.GL.UN. | Rev. 11.10.2021