

Sharp/NEC Projected Capacitive Touch screen Displays

About the Infrared Solution

Sharp/NEC's line of projected capacitive (PCAP) touch displays are engineered to create maximum visual impact and interactive capabilities through seamless simplicity. The display with integrated touch 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 forty simultaneous touch points for all major operating systems



Superior Design

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



18/7 Runtime

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.

43"



50"



55"

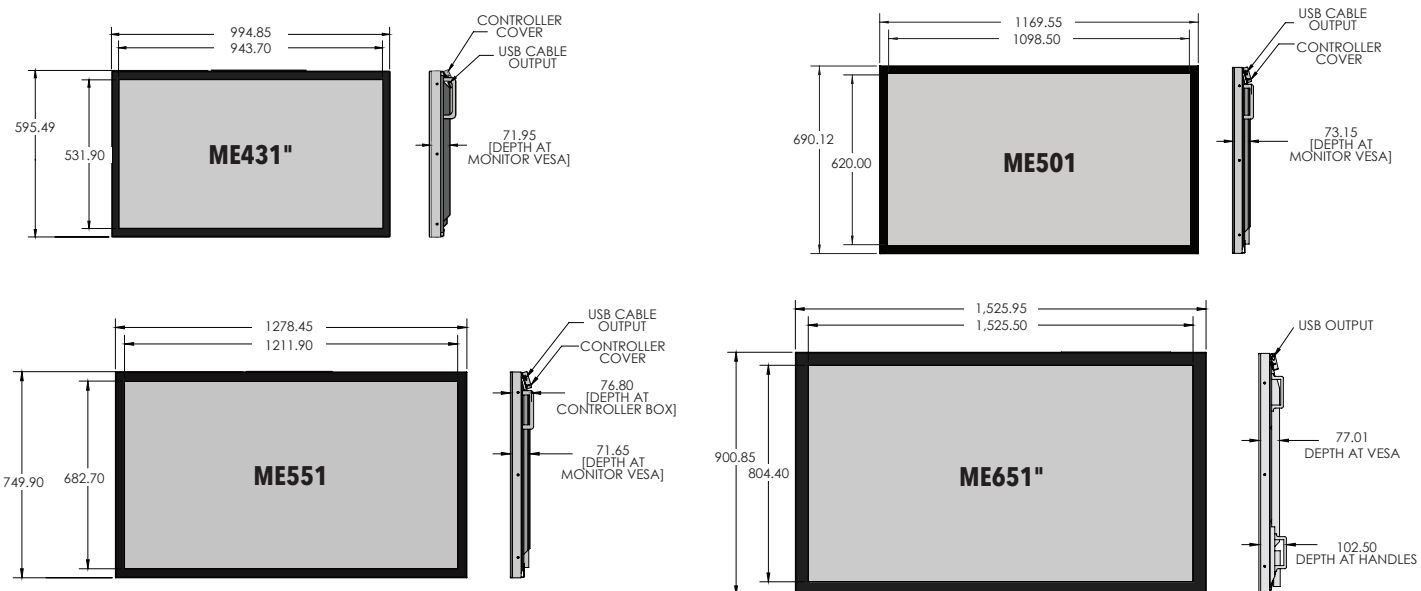


65"



Part Number		ME431-PT	ME501-PT	ME551-PT	ME651-PT
Glass	SIZE	43"	50"	55"	65"
	Thickness	4mm			
	Type	Tempered			
	Light transmission	TPLuminousness is 83%			
Touch	Touch Tecnology	Projected Capacitive			
	Number of Touches	40-Point (limitations with MacOS, Linux, and Android)			
	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)			
Runtime		18/7			
Aspect Ratio		16:9			
Orientation		Portrait / Landscape			
Width/Height/Depth Including Monitor		39.17 x 23.3 x 3.36 in. / 994.85 x 595.49 x 85.34 mm	46.04 x 27.17 x 2.88 in. / 1169.55 x 690.05 x 73.10 mm	50.33 x 29.52 x 3.02 in. / 1,278.45 x 749.90 x 76.80 mm	60.07 x 35.47 x 4.035 in. / 525.95 x 900.85 x 102.50 mm
Total Net Weight		57.1 lbs. / 25.9 kg.	75.5 lbs. / 34.32 kg.	81.4 lbs. / 37 kg.	125 lbs. / 56.7 kg.
CONNECTIVITY	Input Terminals	Digital	HDMI 2.0 x2, DP 1.2 x1		
		Analog	N/A		
		Audio	N/A		
		External Control	LAN (100Mbit), 3.5mm Mini Jack IR Remote, RS-232C		
	Output Terminals	Data	USB 2.0 (5V/2A, Media Player)		
		Digital	N/A		
		Analog	N/A		
		Audio	3.5mm Mini Jack		
External Control	N/A				
Supported Operating Systems		Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS, Mac OS X Yosemite (single touch support or multi-touch support through TUIO bridge)			
Ships With		3m Power cord, 2.0m HDMI cable, Wireless remote control, Batteries, Setup Guide			
Other Accessories		SDM-VICW-IS PC Option Card, SDM-VI3W-IS (49"+ Only), SDM-VISW-IS (49"+ Only), SDM-12GSDI Option Card, SDM-HDBT Option Card, Raspberry Pi Compute Module 4 with optional NEC Interface Board (MPi4E), Human Sensor (KT-RC3)			

Solution Sizes Available



Dimensions shown in mm
Projected Capacitive Touch Screen Overlay Patent Pending

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