

Sharp/NEC Infrared Touch Screen Displays

About the Infrared Solution

Sharp/NEC's line of Infrared (IR) 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. IR technology allows for incredibly reliable touch performance while creating an integrated look and feel. Fully HID compliant design means that this out of the box touch solution will work with all major platforms including Mac, Android, Chrome, and Windows. Protective AR glass and a steel chassis protect the display from the abuses in high traffic areas. Our IR out of the box touch solution's modular design allows for future proofing of installations.



Multi-Touch Screen

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



Robust Design

Full steel chassis with simplified hook and lock installation



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



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"

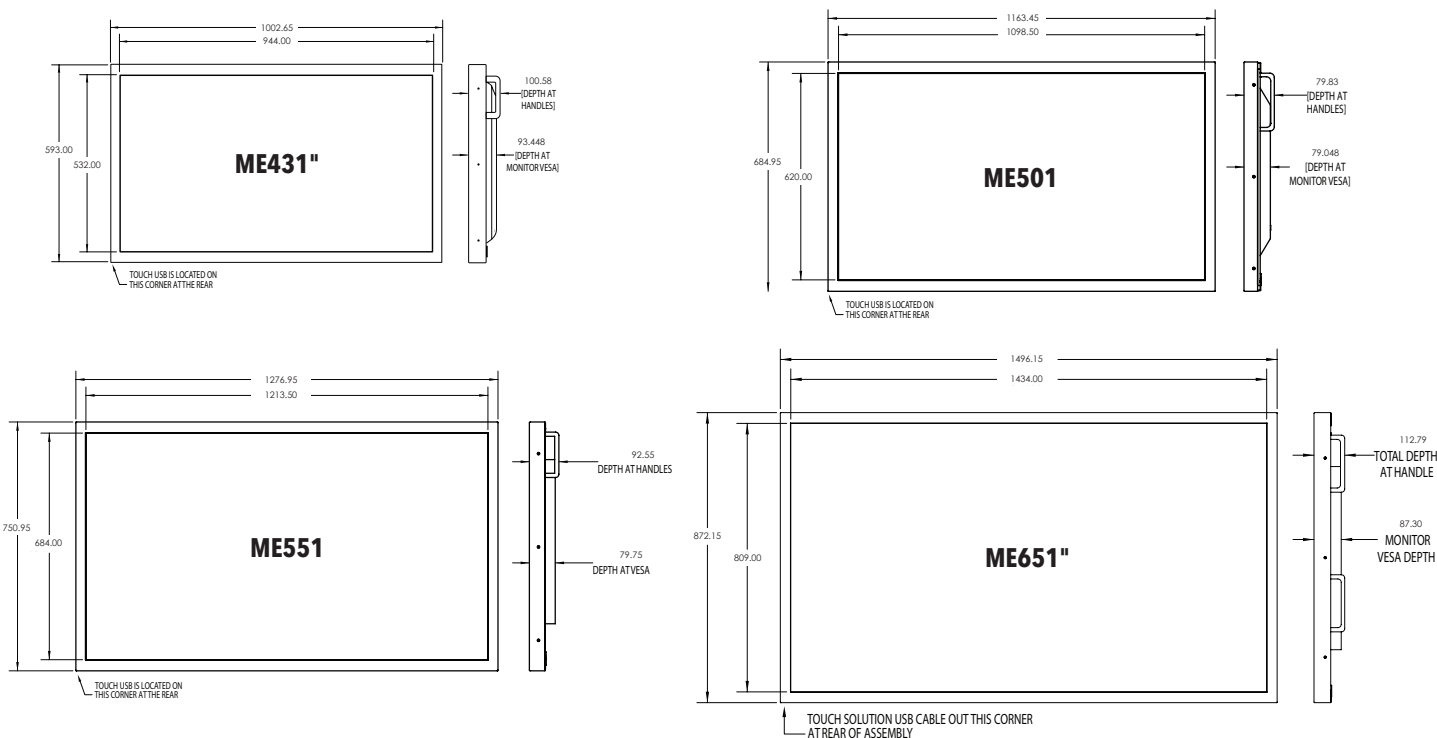


65"



Part Number		ME431-IR	ME501-IR	ME551-IR	ME651-IR
Glass	SIZE	43"	50"	55"	65"
	Protective Glass	4mm Anti-Reflective Cover Glass			
Touch	Touch Points	10 Point (limitations with MacOS, Linux, and Android)			
	Response Time	16ms			
	Touch Accuracy	+/- 1.5mm (Over 99% Area)			
	Interface	Type A USB			
	Communication	USB 2.0			
Power Supply Mode		Single USB connection (5v, 1A)			
Runtime		18/7			
Aspect Ratio		16:9			
Orientation		Portrait / Landscape			
Width/Height/Depth Including Monitor		39.47 x 23.62 x 3.96 in. / 1002.65 x 593.00 x 100.58 mm	45.8 x 26.97 x 3.14 in. / 1163.45 x 684.95 x 79.83 mm	50.27 x 29.56 x 3.64 in. / 1276.95 x 750.95 x 92.55 mm	58.9 x 34.33 x 4.45 in. / 1,496.15 x 872.15 x 112.79 mm
Total Net Weight		55.6 lbs. / 25.27 kg.	61.1 lbs. / 27.77 kg.	81.4 lbs. / 37 kg.	119.93 lbs. / 54.4 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)			
Other Accessories		SDM-VICW-IS PC Option Card, SDM-VI3W-IS (49"+ Only), SDM-VI5W-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

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