

# 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 overlay 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 overlay'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



### 24/7 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"



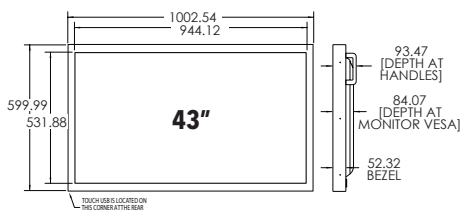
65"



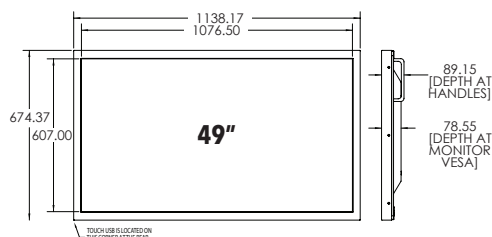
Part Number		M431-IR, MA431-IR, P435-IR	M491-IR, MA491-IR, P495-IR	M551-IR, MA551-IR, P555-IR	M651-IR
Glass	SIZE	43"	49"	55"	65"
	Protective Glass	4mm Anti-Reflective Cover Glass			
Touch	Technology	Infrared			
	Touch Points	10 Point (limitations with MacOS, Linux, and Android)			
	Response Time	16ms			
	Touch Accuracy	+/- 1.5mm (Over 99% Area)			
	Interface	Type A USB			
	Communication	USB 2.0			
Power Supply Mode		Single USB connection (5v, 1A)			
Runtime		24/7			
Aspect Ratio		16:9			
Orientation		Portrait / Landscape			
Width/Height/Depth Including Monitor		39.47 x 23.62 x 3.68 in. / 1002.54 x 599.99 x 93.47 mm	44.81 x 26.55 x 3.51 in. / 1138.17 x 674.37 x 89.15 mm	50.16 x 29.57 x 3.5 in. / 1274.15 x 751.15 x 89.048 mm	58.93 x 34.41 x 3.64 in. / 1496.95 x 873.95 x 92.56 mm
Total Net Weight		63 lbs. / 28.64 kg.	76.1 lbs. / 34.59 kg.	91.6 lbs. / 41.55 kg.	134.3 lbs. / 61.05 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		OS Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS Mas OS X Yosemite (multitouch 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-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**

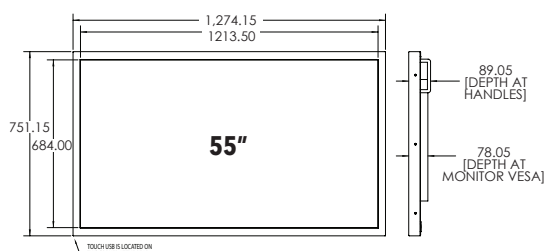
**M431-IR, MA431-IR, P435-IR**



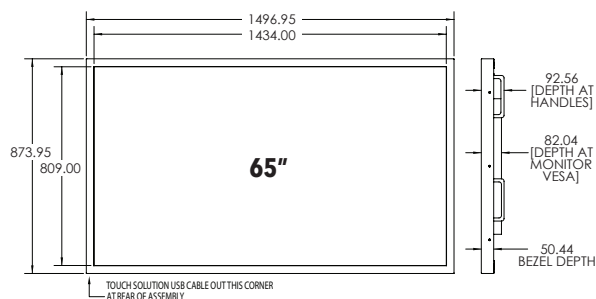
**M491-IR, MA491-IR, P495-IR**



**M551-IR, MA551-IR, P555-IR**



**M651-IR**



Dimensions shown in mm

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