

# SHARP

## PN-VC651A INTELLIGENT TOUCH BOARD

Combining LCD touch screen display technology with interactivity, **SHARP Educational Display** provides an interactive learning environment, bringing education to a new level.





## WHAT YOU CAN DO

- ▶ Write on the screen with your finger or a pen, and erase
- ▶ Touch the screen to navigate through documents, videos, presentations, or websites
- ▶ Make notes, draw shapes, move, scale, or rotate the images with a finger touch
- ▶ Save your notes, graphs, text, audio files to print, e-mail, or share them
- ▶ Switch from writing notes to navigating applications and back
- ▶ Create video or audio files to teach an application or a lecture to be posted
- ▶ Record instructions as video files and post the materials for review by student\*
- ▶ Control the PCs / tablets in the classroom from the display\*
- ▶ Conduct quizzes and capture feedback on the display\*

\* These functions are available with the appropriate optional software.

## INTERACTIVE LED TOUCH SCREEN

With our Interactive display solution you can write on the screen with your finger or pen and erase. The dual touchscreen can navigate through documents, videos, presentations and websites with ease. Save your notes, graphs, text and audio files can be printed or emailed from the interactive display. The interactive display can also record the presentation as a video file. Switching from writing of notes to navigating application can be done with ease.



### Key Features

- ▶ Screen Size : 65" LED
- ▶ 1920 x 1080p full HD resolution
- ▶ Min 4,000:1 contrast ratio
- ▶ Brightness Level : 360 cd/m2
- ▶ 178 ° viewing angle ensuring a great view from any seat in the classroom
- ▶ Multi-Touch - 6 Point Touch
- ▶ Anti reflective tempered glass
- ▶ Virtual keyboard (optional)

### Built-in PC features

- ▶ Easy Plug for integrated PC module (Compatible with Intel OPS)
- ▶ 2 built-in USB ports to connect additional peripherals to the LCD screen
- ▶ Built-in WiFi
- ▶ Wired or wireless network connection



# Specifications

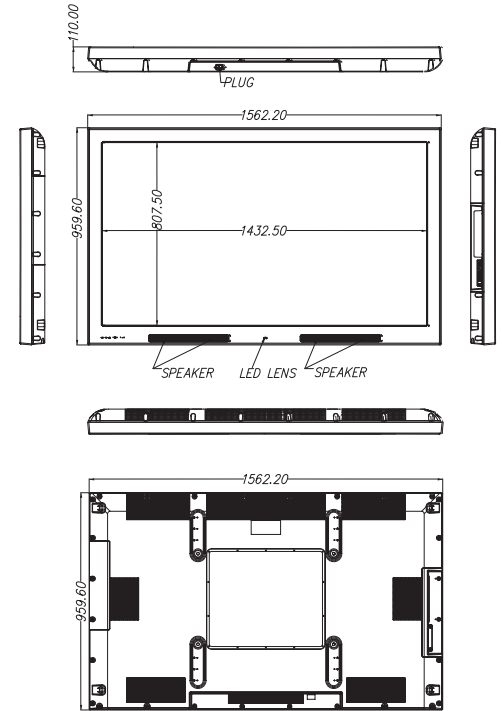
Model Name		PN-VC651A
Installation		Landscape
LCD panel		65-inch-class (64.53-inch diagonal) a-Si TFT active matrix
	Backlight	Edge
	Max. Resolution	1920 x 1080 pixels
	Max. Display Colours	1.07 B (approx.)
	Pixel Pitch (HxV)	0.744 mm
	Max. Brightness*1 (average)	360cd/m <sup>2</sup>
	Contrast Ratio	4000:1
	Viewing Angle (H/V)	178° / 178°
	Active Screen Area (WxH)	1428.48(H)x803.52(V)(mm) (56.24" x 31.63") (approx.)
Response Time	8 ms (Gray to Gray, Ave.)	
Touchscreen	Touch Technology	IR Touch Screen (6-point simultaneous touch screen support)
	PC Connection Port	USB (3.0) x2
	Power Supply	USB
Protection Glass Thickness		4mm anti-glare glass. 4mm tempered, anti-reflective glass (optional)
PC		Built in
Computer Input	Video	HDMI1.3b
	Synchronisation	HDMI TMDS
	Plug & Play	VESA DDC2B
	Power Management	VESA DPMS
<b>Video Colour System</b>		
Input Terminals	PC Analogue	VGA D-sub15 pin x1
	HDMI	x1 (HDCP and 1080p compatible)
	Audio	φ3.5mm -diameter stereo jack x1
	USB (Type B)	x1 (for external touch screen usage only)
	USB (Type A)	USB3.0 x2 and USB2.0 x2(optional) available on OPS only
Output Terminals	Audio	φ3.5mm-diameter stereo jack x1
	Speaker Output	15W + 15W(8Ω)
Input/Output Terminals	LAN Port	10/100/1000 Mbps LAN
Speaker Output		15W + 15W Audio Output Power
Mounting		VESA Hole Configuration: 600mm (w) x 400mm (h)
Power Supply		110V-240V AC, 50/60Hz
Power Consumption		270W
Environmental Condition	Operating Temperature	0° C to 50° C
	Operating Humidity	90% relative humidity
Dimentions(WxDxH) (approx.) (display only)		1562mm x 750mm x 2020mm
Weight (approx.)		58kg (127.87lbs)
Main Accessories		Remote control, Power cable, Information booklet, 2 antennas (Wifi connection), driver DVD, User Manual
<b>PC Module*2</b>		
Processor	Default	Intel Haswell 4th Generation i3-4000M 3M Cache 2.40 GHz
	Options	Intel Ivy Bridge 3rd generation processors ( i5, i7)
System Memory	Default	4GB DDR-3 RAM
	Options	up to 16GB RAM support
Operating System	Default	Windows 8.1 64 bit
	Options	Windows 7 pro 64 bit
Other Softwares	Default	Antropi Software
Network		LAN: 10/100/1000 Mbps LAN support ; WLAN : 802.11 a/b/g/n wireless support with MIMO
Data Storage	Default	256 GB SSD
	Options	Various sizes HDD / SSD (optional)
Audio		30W Audio Output Power
I/O Ports		1 x RJ45, 10/100/1000 Mbps Ethernet
		2 x USB 3.0 ports
		1 x Microphone In
		1 x Headphone Out
		2 x WiFi Antenna Connector

\*1 Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness, \*2 Built-in PC specification may change based on the customer requirement.

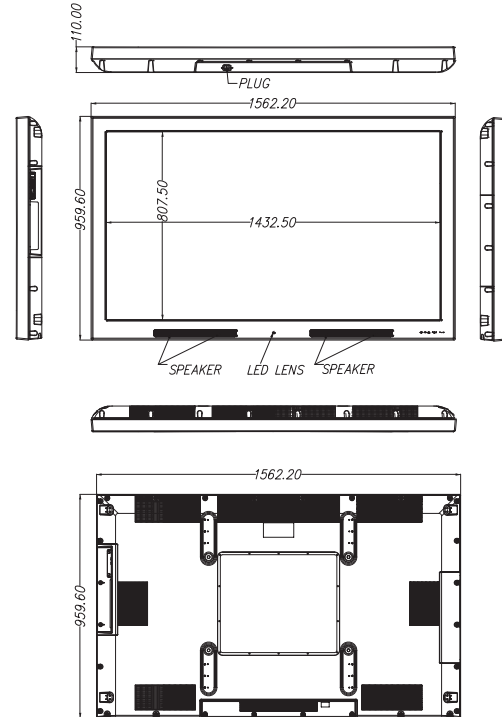
DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

# Dimension

## Right



## Left



**SHARP Middle East FZE**

P.O.Box 17115 Dubai  
 Jebel Ali Free Zone, United Arab Emirates  
 Phone: +971 4 8815311 Fax:+971 4 8871388  
 e-Mail: contact@smef.sharp-world.com

www.sharpmea.com