55’’ 20-Point Touch Interactive Commercial Display

CDE5561T



The ViewSonic® CDE5561T 55’’ Full HD interactive flat panel display is a perfect solution for interactive business and educational classroom applications. This 20-point touch-enabled display, paired with PC-less operation and pre-installed annotation software, allows multiple users to simultaneously write or draw on the display’s 7H hardness surface using fingers or styluses. 350-nit brightness and wide viewing angles provide better visual performance in well-lit rooms, while Flicker-Free and Blue Light filter technologies create a more comfortable viewing environment. With a built-in dual core processor and 8GB internal storage, as well as versatile connectivity including HDMI, VGA, RS232, RJ45 and USB ports, this display provides powerful computing for annotation and multimedia playback without the need for a PC. This Energy Star certified display delivers optional slot-in PC (NMP711-P10) capability with Windows® 10 OS and ViewBoard annotation software, for more computing-intensive interactive applications. The CDE5561T features a VESA-compatible design and can be placed on a wall mount, or on an optional trolley cart for flexible installation in classrooms and corporate meeting rooms.

- 20-point multi-touch interactive screen
- Built-in ARM dual core CPU with 8GB Storage
- Pre-installed annotation software
- Optional slot-in PC
- Eye-Care technology



20-point Multi-touch Interactive Screen

With a 20-point touch-enabled panel, this display encourages multiple users to simultaneously write or draw on the display's surface using styluses or their fingers – or both at the same time.



Built-in ARM Dual-core CPU with 8GB Storage

Equipped with a powerful dual-core processor and Mobile OS, this display provides smooth, lightning-fast computing and responsive touch capabilities. 8GB of onboard memory provides ample storage for files and multimedia content.



ViewBoard2.1 Annotation Software

ViewSonic’s easy-to-use ViewBoard software is available within this display and lets you write, highlight, edit, and transform documents and images on-screen in real-time.

For more robust annotation options and educational templates for English, Math, and Science, a ViewBoard for Education software disc is included in the box and can be installed via the optional ViewSonic NMP711-P10* slot-in PC, or via an external PC connection.

*Optional accessories (NMP711-P10) sold separately.



Optional Slot-in PC

The optional ViewSonic NMP711-P10* slot-in PC utilizes the Intel Core i5 processor, as well as the Windows 10 operating system, to provide additional computing power and touch functionality.

*Optional accessories (NMP711-P10) sold separately.



Enhanced Viewing Comfort

Flicker-Free technology and a Blue Light Filter help to eliminate eye strain from extended viewing periods.



Anti-scratch, Anti-glare Glass Faceplate

This display features 7H scratch-resistant surface hardness that ensures a durable, consistent, high-quality touch experience.

In addition, an anti-glare film improves screen visibility in bright environments.



Control Multiple Devices

RS232 IR pass-through offers local control for set-top boxes, and other RS232 connected devices, directly with the display’s remote controller.



Optional Trolley Mount

Although this display can be wall mounted for a solid and safe user touch experience, we also offer a trolley mount (LB-STND-003)* that provides the flexibility of a mobile display.

*Optional accessories (LB-STND-003) sold separately.



Technical Specifications

CD PANEL	Panel Size	55” (54.6” viewable)
	Type/ Tech	TFT LCD Module with LED Backlight
	Display Area (mm)	1209.6(H) x 680.4(V) (54.6” diagonal)
	Aspect Ratio	16:09
	Resolution	1920x1080
	Colors	16.7M colors
	Brightness	300 / 350 nits (Min. / Typ.)
	Contrast Ratio	800:1 / 1200:1 (Min. / Typ.)
	Response Time	6ms
	Viewing Angles	H = 178, V = 178
	Backlight	LED
	Backlight Life	50,000 Hours Typ
	Hardness	7H
TOUCH	Type/ Tech	Infrared
	Touch Resolution	32767 x 32767
	Touch Point	20 points for gesture, 5 point for writing
	Response time	15ms MAX.
	System	Windows10/Windows8/Windows7/WindowsXP/Vista/Linux/Mac/Android/Wince/Chrome
INPUT	HDMI	x3
	RGB / VGA	x3

	DisplayPort	N/A
	DVI	N/A
	RF (TV)	N/A
	Audio	x3 (PC audio in)
	CVBS	x1
	YPbPr	N/A
	MIC(Microphone)	N/A
	RS232	x1
	SD/SDHC	N/A
	OPS / ViewSonic PC module slot	N/A / x1 (for NMP710)
OUTPUT	RGB / VGA	x1
	DisplayPort	N/A
	DVI	N/A
	Audio	x1 (Earphone out)
	CVBS	N/A
	YPbPr	N/A
	SPIDF	x1 (optical)
	RS232	N/A
	Remote Control	N/A
LAN	RJ45	x1
USB	Type A	x3 (2.0); x1 (3.0)
	Type B	x1 (for touch)
	Mini USB	N/A
	Micro USB	N/A
SPEAKERS		10W x 2
BUILT-IN PC	Processor	ARM Cortex A9 Dual Core CPU
	Graphic	ARM Mali400 MP4
	Sound card	N/A
	Memory	1.5GB
	Storage	8GB
	Networking	Integrated 10/100/1000M Adaption
COMPATIBILITY	RGB PC/HDMI PC	Refer to timing table
	CVBS	480i
	S-Video	N/A
	YPbPr	N/A
	HDMI	480i, 480p,720p, up to 1080
CONTROLS	Physical- Top	Power, Home, Return, Setting, VOL-, VOL+ INPUT: PC, Android, AV, VGA1, VGA2, VGA3, HDMI1, HDMI2, HDMI3, HDMI4 LIGHT: 1~10 VOLUME: 0~100 VGA: H Position, V Position, Phase, Clock, Zoom, Auto Adjust, Writing Mode PICTURE: Brightness, Contrast, Hue, Sharpness, Color Temp, Zoom, Writing Mode
	OSD	

	Embedded Linux OS	SETTING: Ethernet checking, Sound, Display, Apps, Language&input, Date&time, About device ANNOTATION: Annotation menu, Return, Main, Pen, ViewBoard Lit, Open file, Screenshot, close menu INTERFACE: ViewBoard Lit, Folders, Browser, PIP, Settings, Apps
	Multimedia	IMAGE: Close, Zoom in, Zoom out, Previous, Play/Pause, Next, Counterclockwise, Clockwise, setting AUDIO: Close, Previous, Play/Pause, Next, Playlist, Loop, Random, Single VIDEO: Close, Previous, Fast backward, Play/Pause, Fast forward, Next, Playlist
POWER	Voltage	100-240VAC +/- 10% Wide Range
	Consumption	"On" 162W(typ), "Power Saving" < 0.5 W, "Off" (Suspend) < 0.5 W
ERGONOMICS	Tilt	N/A
	Wall Mount (VESA®)	400 x 400 (M8 x 20mm)
OPERATING CONDITIONS	Temperature (º C)	32°F to 104°F (0°C to 40°C)
	Humidity	20% ~ 80% non-condensing
DIMENSIONS (W x H x D)	Physical (inch / mm)	51.34x31.5x3.82 / 1304x800x97
	Packaging (inch / mm)	57.4x36.69x8.66 / 1458x932x220
WEIGHT	Net (lb / kg)	71.65 / 32.5
	Gross (lb / kg)	92.59 / 42
REGULATIONS	Standard	CE, EAC, EEI
WARRANTY		**Warranty offered may differ from market to market
What's in the box?		• CDE Interactive Large Format Display Monitor • VGA cable • Power cable x 4 • Remote control • USB cable • Audio cable • Touching pen x 3 • User manual CD wizard • RS232 adapter

ViewSonic® Limited Warranty

ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

For more product information, visit us at **www.viewsoniceurope.com**

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