Large-format display with multi-touch interactivity to encourage collaboration

CDE8452T



The ViewSonic CDE8452T is a stunning 84" 4K Ultra HD interactive touch display. Delivering four times the detail of Full HD displays, the CDE8452T is ideal for higher education and corporate meeting applications, as well as for scientific, GIS, and wayfinding applications. The 10-point touch-enabled display allows up to ten users to simultaneously write or draw on the display's surface using their fingers or styluses. The large-format LED screen and Ultra HD 3840 x 2160 resolution guarantees the ultimate in colour, clarity, and image detail. Equipped with a tempered glass overlay, anti-glare treatment, and rounded corners, the CDE8452T is designed for heavy usage in high-traffic areas. The ViewSonic CDE8452T Ultra HD interactive touch display is the perfect solution where ultra-high resolution imaging and touch interactive performance is needed.

4K Ultra HD for the Ultimate in Image Quality

Ultra HD 3840 x 2160 resolution delivers four times the resolution of regular HD. With four times the resolution, the CDE8452T displays images with four times more detail, depth, and clarity. Even when interacting up close with the huge 84” touch screen, the images remain vivid and sharp without any noticeable pixilation. With 4K Ultra HD resolution, the CDE8452T delivers a breathtaking viewing experience with immersive images that are vibrant, clear, and as large as life.



Advanced 10-point Touch-enabled Capability for Group Interaction

With 10-point simultaneous touch technology, the CDE8452T encourages group interaction. Up to ten users can simultaneously write or draw on the display's surface using styluses or their fingers – or both at the same time. And its superior touch report rate provides a smoother user touch experience for both educational and corporate applications.



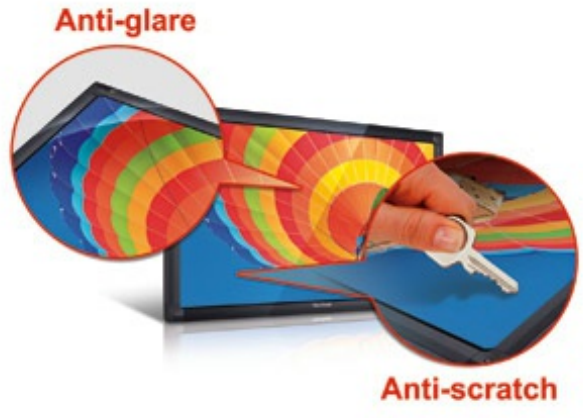
Protective Rounded-corner Design

A rounded-corner design provides a safer learning environment for active students by helping to prevent injuries in the classroom.



Tough Anti-scratch, Anti-glare Glass Faceplate

The ViewSonic CDE8452T features 7H scratch-resistant surface hardness that ensures durability, as well as a consistent, high-quality touch experience. In addition, an anti-glare film improves screen visibility in bright environments.



Convenient Tools Included with ViewBoard Software

ViewSonic’s easy-to-use ViewBoard software is pre-installed on all CDE8452T displays. This software allows you to write, highlight, edit, and transform documents and images on-screen in real-time. It also features screen recording, magnifier, and spotlight features that make office presentations, classroom learning, and distance education more productive, interactive, and efficient.



Energy-saving LED Backlight

The ViewSonic CDE8452T features an energy-saving LED backlight with a lifespan of over 50,000* hours, and more than a decade of durability. This lowers power consumption and the cost of ownership, while producing a high ROI, making our products a great long-term investment.



Versatile Input Selection for Flexible Connectivity



With a versatile selection of inputs, the CDE8452T enables you to easily connect and use a variety of digital equipment. An HDMI input connects to high-definition content sources, while USB and VGA ports deliver additional connectivity options.



RS232 Connectivity for Easy Multi-device Management

RS232 connectivity enables computers and laptops to be connected to the CDE8452T. RS232 connectivity also allows IT personnel to conveniently manage multiple displays, configure devices, and upgrade firmware from a centralised location. This provides organizations the ability to better maintain and control large numbers of displays from a single location.



Large-Panel Display Accessories for Improved Usability and Mobility

The CDE8452T includes 3 styluses that can be used to write on the display. Although the CDE8452T 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.



Windows 10 Software (NMP711-P10 PC Option)

With Windows 10 Pro and MS Office software, the CDE8452T is ideal for both corporate and educational use. A built-in browser provides users instant access to the internet, while adding the PC option creates an interactive and collaborative experience.



A Wider Range of Accessible Custom Applications

Users now have more options to choose from with access to a growing list of free and customized Windows 10 apps.



Optional Slot-in PC Powers 4K Interactive Functionality

With an optional slot-in PC, the CDE8452T can be quickly transformed into an interactive large format display. The optional slot-in PC (NMP711-P10)** utilises the Intel Core i5 processor, as well as the Windows 10 operating system, to provide additional computing power and touch functionality for fast moving educational, corporate, or scientific environments. In addition, an NVIDIA GeForce GT GPU card provides accelerated video performance needed for 4K graphics.



Technical Specifications

LCD	Display Area	1860.48mm(H) x 1046.52mm(V), 84” diagonal
	Optimum Resolution	3840 x 2160
	Contrast Ratio	1600:1 (typ)
	Viewing Angles	178º horizontal, 178º vertical
	Response Time	8 ms
	Light Source	Long life, 50,000 hrs. (typ)
	Brightness	350 cd/m2 (typ)
	Aspect Ratio	16:9
	Panel Surface	Anti-glare, hard coating 7H scratch resistant
	Touch Type	Yes, Infrared, 10 point multi touch
	Type	84" colour TFT LCD Module with LED Backlight
INPUT	Video Output	VGA

	Control Input/Output	RS232
	Video Input	HDMI, Component, VGA, CVBS
CONNECTOR	Analog	3x VGA in (D-SUB), 1x VGA out (D-SUB), 1x CVBS
	Audio	3x PC Audio in (3.5mm Jack)
	USB	3x USB A type (2.0), 1x USB A type (3.0), 1x USB B type (Touch function)
	Digital	3x HDMI (up to 1080p), 1x HDMI (up to 4K2K)
AUDIO	Speakers	2x Internal 15 Watt
VIDEO SIGNAL	HDMI resolution	up to 3840x2160 (30Hz)
	CVBS resolution	640x480 (480i)
	VGA resolution	up to 1920x1200 (60Hz)
CONTROLS	Sound	Sound Mode, Treble, Bass, Balance, Auto Volume, SPDIF Mode, AD Switch
	OSD	Clock, Time Zone, Sleep Timer, Auto Standby, OSD Timer
	Panel	Power, Input, PC/VGA, Vol+, Vol-, Zoom, Energy Saving
	Set Up	OSD Language, TT Language, Hearing Imparied, PVR File System, Record list, Aspect Ratio, Blue Screen, First Time Installation, Reset, Software Update (USB)
	Advanced Options	Lock System, Set Password, Block Program, Parental Guidance, Key Lock
	Picture	Picture Mode, Contrast, Brightness, Colour, Tint, Sharpness, Colour Temperature, Noise Reduction
POWER	Consumption	500W (Typ), <0.5W (suspend)
	Voltage	AC 100–240V (universal), 50–60Hz
OPERATING CONDITIONS		
	Humidity	20–80% (non-condensing)
	Temperature	0-40º C, Landscape mount only
DIMENSIONS	Display	1978 x 1187 x 95 mm / 77.9 x 46.7 x 3.7 in.
	Packaging	2170x1370x320 mm, 85.4x53.9x12.6 in
WEIGHT	Net	107kg/235.89 lb
	Gross	135kg/297.62 lb
WALL MOUNT	VESA®	600 x 600mm
REGULATIONS		CE, CCC, FCC
INCLUDED ACCESSORIES		

	•CDE8452T display •Power cables (EU, UK) •VGA cable •Audio cable •USB cable •Remote control with batteries •Stylus (x3) •ViewSonic Wizard CD (User Guide and ViewBoard Software)
OPTIONAL ACCESSORIES	PC Module (NMP711-P10), Trolley (LB-STND-003)

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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