

84" 10-Point Multi-Touch Commercial Display



CDE8451-TL



The ViewSonic CDE8451-TL is a stunning 84" 4K Ultra HD interactive touch display. Delivering four times the detail of Full HD displays, the CDE8451-TL 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 multiple 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 CDE8451-TL is designed for heavy usage in high-traffic areas. The ViewSonic CDE8451-TL 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 CDE8451-TL 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

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CDE8451-TL delivers a breathtaking viewing experience with immersive images that are vibrant, clear, and as large as life.



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Advanced 10-point Touch-enabled Capability for Group Interaction

With 10-point simultaneous touch technology, the CDE8451-TL encourages group interaction. Multiple 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 CDE8451-TL 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 CDE8451-TL displays. This software allows you 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.



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Energy-saving LED Backlight



The ViewSonic CDE8451-TL 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.



RS232 Connectivity for Easy Multi-device Management

RS232 connectivity enables computers and laptops to be connected to the CDE8451-TL. 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.



Versatile Input Selection for Flexible Connectivity



With a versatile selection of inputs, the CDE8451-TL 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.



Large-Panel Display Accessories for Improved Usability and Mobility

The CDE8451-TL includes 3 styluses that can be used to write on the display. Although the CDE8451-TL 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.



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Windows 8 Software (NMP-708 PC Option)



With Windows 8 Pro and MS Office software, the CDE8451-TL 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 8 apps.



Optional Slot-in PC Powers 4K Interactive Functionality



With an optional slot-in PC, the CDE8451-TL can be quickly transformed into an interactive large format display. The optional slot-in PC (NMP-708)** utilises the Intel Core i5 processor, as well as the Windows 8 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.



ARM Dual-core CPU and 8GB storage

Equipped with a powerful dual-core processor, the CDE8451-TL provides smooth, lightning-fast computing, as well as quick and responsive touch capabilities no matter what applications are running.



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Technical Specifications

Display	Panel Size	84"
	Type/Tech	TFT LCD Module with LED Backlight
	Display Area (mm)	1860.48(H) x 1046.52(V) (84.04" diagonal)
	Aspect Ratio	16:9
	Native Resolution	3840 x 2160
	Colors	1.07 Billion
	Brightness	350 nits (typ.)
	Contrast Ratio	1600:1 Typ.
	Response Time	8ms
	Viewing Angles	H = 178, V = 178 typ.
	Backlight Life	50,000 Hours Typ.
	Surface Treatment	AG coating (7H)
	Orientation	Landscape
Touch	Type/ Tech	IR
	Touch Resolution	32767 x 32767
	Touch Point	10-point
INPUT	HDMI	x3 HDMI (up to 1080p), x1 HDMI (up to 4K2K)
	RGB / VGA	x3
	Audio	x3 PC audio(3.5 mm)
	CVBS	x1
	RS232	x1
	OPS	PC Slot (proprietary)
OUTPUT	RGB / VGA	x1
	Audio	x1 Earphone Out
	SPDIF	x1
LAN	RJ45	x1
USB	Type A	x3 (2.0), x1 (3.0)
	Type B	x1, for touch
SPEAKERS		10Wx2

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COMPATIBILITY	RGB PC/HDMI PC CVBS HDMI	Refer to timing table 480i, 480i, 480p,720p,1080i,1080p
CONTROLS	Physical- Top OSD	INPUT:Power, Home, Return, Setting, VOL-, VOL+ PC, Embd Player, 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
Bundle Software		ViewBoard Lite, ViewBoard 2.0
Power	Voltage Consumption	100-240VAC +/- 10% 50/60Hz Wide Range 550W (typ) < 0.5 W ("Off")
ERGONOMICS	Wall Mount (VESA®)	600 x 600
OPERATING CONDITIONS	Temperature (°C) Humidity	0°C to 40°C 20% ~ 80% non-condensing
DIMENSIONS (W x H x D)	Physical (inch / mm) Packaging (inch / mm)	77.9x46.7x3.7 / 1978x1187x95 85.4x53.9x12.6 / 2170x1370x320
WEIGHT	Net (lb / kg) Gross (lb / kg)	255.74 / 116 321.87 / 146
REGULATIONS		CE, CCC, FCC
PACKAGE CONTENTS		1. CDE8451-TL display 2. power cable 3. VGA cable 4. audio cable 5. USB cable 6. remote control with batteries 7. stylus (x3) 8. ViewSonic Wizard CD (with user guide)

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