CDE8451-TL

84" LCD 6-point multi-touch Display

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

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

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Overview

The ViewSonic CDE8451-TL is an 84" 4K Ultra HD interactive display, ideal for educational and corporate meeting applications, as well as for scientific and way-finding applications. With 6-point simultaneous touch technology, this large-format display encourages collaboration and allows two or three users to simultaneously write or draw on the display's surface with their fingers or styli. The large-format LED screen and Ultra HD 3840x2160 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 large-format display is the perfect solution where ultra-high resolution imaging and touch interactive performance is needed.

4K Ultra-high definition for the ultimate in image quality

With this 84" 4K Ultra High-definition large-format display –ViewBoard series, the high-definition multimedia contents can be explicitly presented in greater detail. Its 3840x2160 pixel screen contains over 8 million pixels, which is 4x higher than Full HD display, all images detail are clear, vivid and larger than life.

Normal

Full HD Resolution

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Advanced 6-point touch capability for group interaction

With 6-point simultaneous touch technology this large-panel display encourages group interaction. Great for interesting group activities, two or three users can simultaneously write or draw on the display's surface at the same time! Its superior touch report rate provides a smoother user touch experience for both educational and corporate applications.
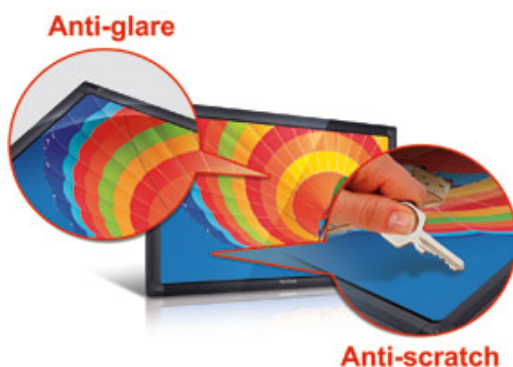
Protective Rounded-Corner Design

Providing a safer learning environment for active students is also an important consideration. That's why ViewSonic's ViewBoard series utilizes a rounded-corner design to help prevent young students from getting injured within their classroom environment.

Tough Anti-Scratch, Anti-Glare Cover

ViewSonic's ViewBoard series is made even more durable by a layer of 7H-hardness tempered glass coupled with an anti-glare glass. This material combination provides anti-scratch benefits, while improving screen visibility in bright environments.

Anti-glare

Anti-scratch

ViewBoard Software for increased efficiency

We've pre-installed our simple and easy-to-use ViewBoard software on all of our Smart White boards and optional slot-in PCs (large-format display). This software lets you write, highlight, edit, and transform documents and images on-screen in real-time. It also features convenient screen recording and magnifying functions, meeting notification alarms, and allows cloud server access to online resources.

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Energy-saving LED backlight

ViewSonic's ViewBoard series features the finest energy-saving LED backlight that has a lifespan of over 30,000 hours, and more than a decade of durability. These advantages tremendously lower power consumption and the cost of ownership, while producing a high ROI, making our products a great long-term investment.

Versatile Input Connectivity

Benefit from the improved device connectivity of our ViewBoard series versatile selection of inputs to easily connect and use all the digital equipment in meeting room or classroom. With HDMI to connect to high-definition content sources, and USB, DVI and VGA ports, you have the freedom to focus on the work that is most important.

RS232 connectivity for easy multiple-device management

RS232 connectivity enables you to connect computers and laptops to your ViewBoard series. It also conveniently lets IT personnel more easily manage, configure devices and upgrade firmwares,

Large-panel display accessories for improved usability and mobility

Large-panel display accessories for improved usability and mobility Students and teachers can use the provided stylus, or their fingers to simultaneously write on our large-panel display. Location is also a

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saving on time and maintenance costs, while allowing larger organizations the ability of better maintaining and controlling larger numbers of devices from centralized locations.

key consideration when installing your Smart Whiteboard. That's why it can be wall mounted for a solid and safe user touch experience. Also, we offer a trolley mount that offers you the flexibility to move your display for a better viewing angle.

Edge Border design improves Windows® 8 touch experience

With the unique edge border design that redefines the relationship between the bezel and panel, in particular operating under Windows 8, there are no more dead angles. This design provides an improved user touch experience, and with an easy pull out charm bar, the presenters can operate all windows®8 functions more efficiently and productively.

Technical Specifications

LCD

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	Size	84"
	Type	TFT LCD module with LED backlight
	Effective Viewing Area	3,840 (H) x 2,160 (W) (84.04" diagonal)
	Native Resolution	1920 x 1080p @60Hz
	Contrast Ratio	1600:1 (typ.)
	Viewing Angles	H = 89, V = 89 (typ.)
	Response Time	Total (ON + OFF) = 8ms
	Brightness	CR : 5000 (typ.) / 350 nits (typ.)
	Panel Surface	Anti-glare
	Colour Support	1.06B colors
AUDIO	Speakers	15W x 2 @THD = 10%
	Microphone	None
REMOTE CONTROL UNIT (RCN)	Type	IR
	Range	Straigt-line distance: 8M
		Transmit angle ± 30° ³ 6M
CONTROLS	OSD	*1
	Physical	Top: POWER, INPUT, MENU,CH ^, CH v, VOL+, VOL-
POWER	Voltage	100-240VAC +/- 10% Wide Range
OPERATING CONDITIONS	Temperature	32°F to 104°F (0°C to 40°C)
	Humidity	20% ~ 80%, non-condensing
	Altitude	N/A
DIMENSIONS	Physical (WxHxD)	1,978 x 1,186 x 86 mm / 77.9 x 46.7 x 3.4 in
	Wall Mount	1,000 x 280 x 55 mm / 39.37 x 11.02 x 2.17 in
	Display	2,180 x 1,480 x 340 mm / 85.83 x 58.27 x 13.39 in
WEIGHT	Net	116 kgs / 255.74 lbs
	Gross	140 kgs / 308.65 lbs
	Wall Mount	6.5 kgs / 14.33 lbs
REGULATIONS		FCC, CE, BSMI, CCC
VESA® MOUNT		600 x 600mm

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INCLUDED ACCESSORIES		1. VGA cable
		2. Power cable x 4
		3. Remote control
		4. USB cable
		5. Audio cable
		6. Touching pen x 3
		7. User manual CD wizard
RELIABILITY	Backlight	30,000 Hours (typ.)
INPUT / OUTPUT	Connector	HDMI x 2 RGB x 2 PC Audio (mini stereo) x 2 S-Video x 1 CVBS IN x 1 CVBS OUT x 1 Shared RCA audio x 1 YPbPr x 1 USB A type (for F/W) x 1 USB B type (for touch) x 1 SPIDF x 1 RS232 x 1
VIDEO FORMAT	Compatibility	RGB PC/HDMI PC: Refer to timing table
		CVBS: 480i
		S-Video: 480i, 576i
		YPbPr: 480i, 480p, 720p, up to 1080p
		HDMI: 480i, 720p, up to 1080p
STORAGE / SHIPPING CONDITION	Temperature	-4°F to 140°F (-20°C to 60°C)
	Humidity	10% ~ 90%, non-condensing
	Altitude	N/A
POWER SAVING FUNCTION	On	Green indicator, < TBDW
	Power-saving Mode	Green indicator flashing, < 0.5 W
	Off (Suspend)	Red indicator, < 0.5 W
DISPLAY PC/RGB MODES	Supported	Refer to the compatibility table
		*If a mode isn't specifically listed, full compatibility is not guaranteed. Results may vary between video cards / drivers.

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.

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