

# KeyFeatures

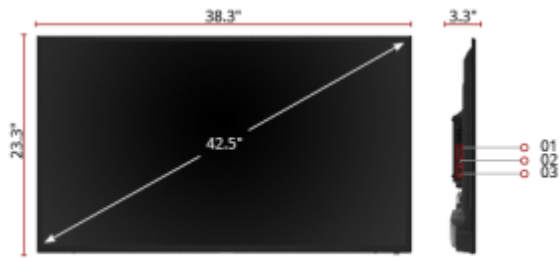
- | Ultra HD Resolution
- | POWERFUL EMBEDDED SOC PLATFORM
- | EMBEDDED LAN AND USB WIRELESS CONNECTIVITY
- | VIEWBOARD® CAST CONTENT SHARING SOFTWARE
- | Remote Content Sharing from Anywhere



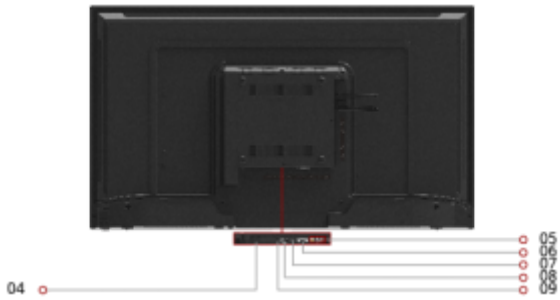
# ProductDescription

The ViewSonic® CDE4312 is a 43" 4K Ultra HD large format wireless presentation display. With features including a razor-sharp resolution of 3840 x 2160, 230-nit high brightness, 178-degree ultra-wide viewing angles, 2 x 10W speakers, and wireless screen sharing, the CDE4312 transforms meeting rooms into a dynamic communications hub. The built-in ViewBoard® Cast screen sharing software\* (along with the optional ViewSonic vCastSender app), and myViewBoard Display software, enables both on-site and online users to participate in conferences and simultaneously share content. Equipped with a 1.5GHz Quad-core embedded SoC processor, 2GB RAM, and 16GB of internal memory, the CDE4312 can play multimedia from internal storage or a USB flash drive 16 hours a day, seven days a week. And with remote configuration and content management system support, the ViewSonic CDE4312 is also suitable for a wide array of diverse signage applications.

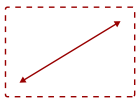
\*Chrome, Android, Windows, Mac OS, and iOS compliant



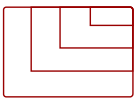
- |                     |                  |
|---------------------|------------------|
| 1. USB 2.0 (x2)     | 4. AC In         |
| 2. USB Type-C       | 5. Audio RCA L/R |
| 3. HDMI 2.0 In (x2) | 6. RS232 In      |



- |                        |
|------------------------|
| 7. SPDIF Out           |
| 8. Ethernet Lan (RJ45) |
| 9. Audio 3.5mm Out     |



DISPLAY



3840 x 2160  
RESOLUTION



230 cd/m2  
BRIGHTNESS

Audio:

|                        |   |
|------------------------|---|
| Internal Speakers:     | 10W (x2)  |
| Power:                 |   |
| Voltage:               | 100-240 VAC +/- 10% Wide Range, 50-60Hz +/-3 Hz |
| Consumption (max):     | 85W   |
| Consumption (typical): | 70W   |
| Stand-by:              | <0.5W   |

Controls:

|                    |   |
|--------------------|---|
| On Screen Display: | Picture, Screen, Audio, Time, Advanced Options, About |
|--------------------|---|

Operating Conditions:

|                            |                       |
|----------------------------|-----------------------|
| Temperature:               | 32-104° F (0 - 40° C) |
| Humidity (non-condensing): | 20-80%                |

Embedded Player:

|                   |  |
|-------------------|--|
| Operating System: | Android 9.0                              |
| CPU:              | Quad-core, 1.5GHz, MT9632/ARM Cortex-A53 |
| GPU:              | Dual Core, G52MP2                        |
| Memory:           | 2GB DDR4                                 |
| Storage:          | 16GB (eMMC)                              |

Display:

|                              |   |
|------------------------------|---|
| Static Contrast Ratio:       | 1,200:1   |
| Viewing Angles:              | 178° horizontal, 178° vertical                                |
| Resolution:                  | 3840 x 2160   |
| Colors:                      | 1.07B   |
| Viewable Area (in.):         | 42.5  |
| Dynamic Contrast Ratio:      | 5,000:1   |
| Backlight Life (Hours):      | 30,000  |
| Response Time (Typical GTG): | 8ms   |
| Light Source:                | DLED  |
| Brightness:                  | 230 cd/m2   |
| Panel Surface:               | Hard Coat - Anti-Glare, 2% Haze, 3H with anti-glare treatment |
| Aspect Ratio:                | 16:9  |

Weight (metric):

|             |      |
|-------------|------|
| Gross (kg): | 10.4 |
| Net (kg):   | 6.6  |

Weight (imperial):

|              |       |
|--------------|-------|
| Net (lbs):   | 14.55 |
| Gross (lbs): | 22.93 |

Connector:

RCA Audio In(1), SPDIF Audio Out(1), USB 2.0(1), USB Type C(1), RS232 In(1), HDMI 2.0 In(2), VGA(1), Wi-Fi/Bluetooth Slot(1), Ethernet LAN (RJ45)(1), 3.5mm Audio Out(1)

Dimensions (metric) (WxHxD):

|                 |                      |
|-----------------|----------------------|
| Packaging (mm): | 1041 x 630 x 148     |
| Physical (mm):  | 972.6 x 566.0 x 82.6 |

Dimensions (imperial) (WxHxD):

|                  |                     |
|------------------|---------------------|
| Packaging (in.): | 40.98 x 24.8 x 5.83 |
| Physical (in.):  | 38.3 x 22.3 x 3.3   |

Mount:

|                  |              |
|------------------|--------------|
| VESA Compatible: | 200 x 200 mm |
|------------------|--------------|

General:

Regulations: cULus, FCC, Energy Star, RoHS

PACKAGE CONTENTS: CDE4312, Remote control with batteries, Quick Start Guide, Power cable, HDMI Cable, Wall Mount Screws and RS232 cable

Recycle/Disposal: Please dispose of in accordance with local, state or federal laws.

Warranty: Three-year limited warranty on parts, labor and backlight

UPC: 766907017632

Accessories:

NMP309-W, NMP589-W, NMP620-P10, NMP660, NMP760, VB-STND-001, VB-STND-005, VB-WIFI-001, VBS100-A, WMK-013, WMK-050

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