

Cascade 65 Core Collaboration Solution

Cascade video walls and displays deliver an unrivaled collaboration experience. Totally immersive and engaging, they enable a new generation of multi-purpose conference rooms.

Cascade 65 Core is Prysm's entry-level Cascade solution featuring a 1080p HD display with core Synthesis collaboration features. Present, share, move, resize, and annotate all types of content through on-screen touch. Simultaneously display and interact with multiple live inputs including video, telepresence, and web apps. Configurable projects and workspaces allow teams to share the use of a Cascade system with other groups, save their work between sessions, and pick up where they left off when they next meet.

For more information, contact us at sales@prysm.com, 1.877.99.PRYSM or +1.408.586.1100.



Synthesis Core Features

- ▶ Multi-touch and multi-user interface
- ▶ Markup and annotate any displayed content
- ▶ Store and display any enterprise media object or file
- ▶ Browse the web with an integrated web browser
- ▶ Copy, save, and email displayed content
- ▶ Take notes or illustrate with the Whiteboard application
- ▶ On-screen scalable keyboards
- ▶ Five accounts to create and recall unlimited custom projects and workspaces
- ▶ Display content dynamically anywhere on the display or create structure for the content with a snap grid
- ▶ Integrate up to 2 live video sources via HDMI
- ▶ Integrated video teleconference application

Upgrade Options

- ▶ Additional 2 live source inputs to integrate a total of 4 devices via HDMI
- ▶ Interactive Input Kit to control an in-room PC directly from the display
- ▶ Workspace mirroring for real-time collaboration with users of other Cascade systems
- ▶ APIs for control system integration

Target Applications

Room Types	Conference rooms, team spaces, huddle rooms, training rooms
Room Size	Small rooms, 2 – 6 people
Ambient Light	Suitable for normal indoor ambient lighting conditions (avoid direct sunlight)

Display Characteristics

Display Resolution (W × H, pixels)	1920 × 1080
Refresh Rate (Hz)	100/120
Max Input Resolution and Frame Rate	1920 × 1080 @ 60Hz
Total Pixel Count (M)	2.1
Display Active Area (in)	56.2 (W) × 31.6 (H) × 64.5 (diagonal)
Display Active Area (mm)	1428 (W) × 804 (H) × 1638 (diagonal)
Display Aspect Ratio (width/height)	16:9
Display Color	>16.7 million colors, 8 bit data path
Panel Brightness (cd/m ²)	315 (typical)
Panel Contrast Ratio	4500:1 (typical)
Backlight Illumination	Edge LED
Response Time (ms)	6.5 (typical)
Pixel Pitch (mm)	0.74 × 0.74
Ideal Viewing Distance	3 – 20 ft, 1 – 6 m
Display Dimensions (in)	58.4 (W) × 33.5 (H) × 3.8 (D, with handle)
Display Dimensions (mm)	1483 (W) × 851 (H) × 95.7 (D, with handle)
Cover Glass	Chemically strengthened Corning® Gorilla® glass, 2mm with zero air gap
Touch Type	High-resolution IR
Touch Points	10 simultaneous touch points
Touch Resolution	Sub-pixel
Touch Update Rate (fps)	200
Touch Latency (ms)	5 – 10

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Touch Accuracy (mm)	2.7
Audio	Two rear facing speakers, 10 W each

Collaboration Appliance (Synthesis)

Typical Features	Video capture (input) ¹ : 2x HDMI 1.4a (max. 4 inputs) Output: 1x DisplayPort 1.2 and 1x DVI Processor: Xeon E3 RAM: 16 GB HD: 256 GB SSD Dimensions (W × H × D): 13.3 in × 3.6 in × 15.1 in (337 mm × 100 mm × 384 mm) Interactive Input Controller kit ² (x1)
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¹ Video capture card with 2-ports is standard, 4-port card is optional.
² Enables display and control of remote laptop/desktop from Cascade display. Requires purchase of the optional Interactive Input Controller kit and video capture card for input to collaboration appliance.

Regulatory

FCC	FCC CFR Title 47 Part 15 Subpart B: Class A, CISPR 22 ANSI C63.4 ICES-003 Issue 5
CE	EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
cTUVus	UL 60950-1 CAN/CSA-C22.2 NO.60950-1-07
CB	IEC 60950-1
CCC	GB9254, GB4943.1, GB17625.1
CEL	GB21520

Display Environmental

Weight (gross)	138 lbs, 62.6 kg
Power Consumption - Display Only (W)	Max: 155, typical: 116, standby: ≤ 0.5
Heat Output (BTU/hr)	Max: 529, typical: 396
Operating Temperature	41 – 95 °F (5 – 35 °C)
Storage Temperature	-4 – 140 °F (-20 – 60 °C)
Humidity	35 – 85% RH (non-condensing)
Power Supply (V)	AC 100 – 240
IP Rating	50

Display Stand

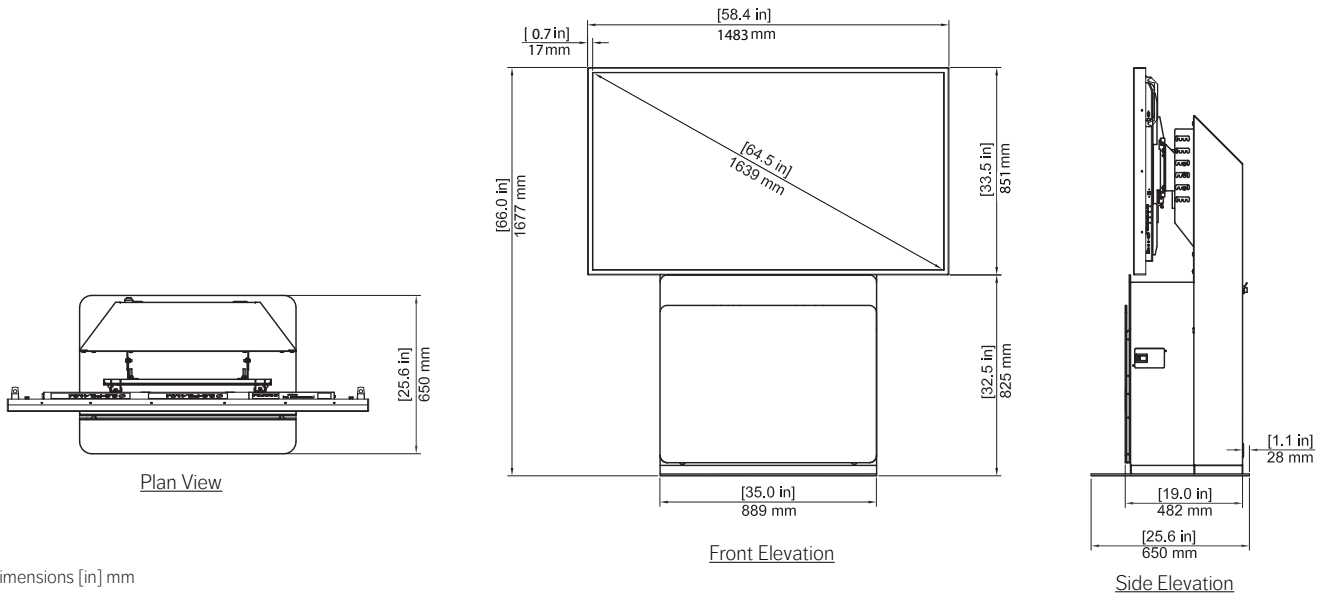
Design	Modern
Electronics Storage (RU)	10
Interior Rack Width (in)	19.0
Interior Rack Width (mm)	483
Interior Rack Depth (in)	15.0
Interior Rack Depth (mm)	381
Exterior Width (in)	35.0
Exterior Width (mm)	889
Exterior Depth (in)	25.6
Exterior Depth (mm)	650
Weight (lbs)	200
Weight (kg)	90.7

Clearances (with Display Stand)

Minimum Ceiling Height	96.0 in (2438 mm)
Display Start Height	32.5 in (825 mm)
Required Clearances—	Front: 12.0 in (300 mm)
Passive Ventilation	Rear: 8.0 in (200 mm)

Wall Mount

VESA (mm)	400 × 400
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Dimensions [in] mm

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