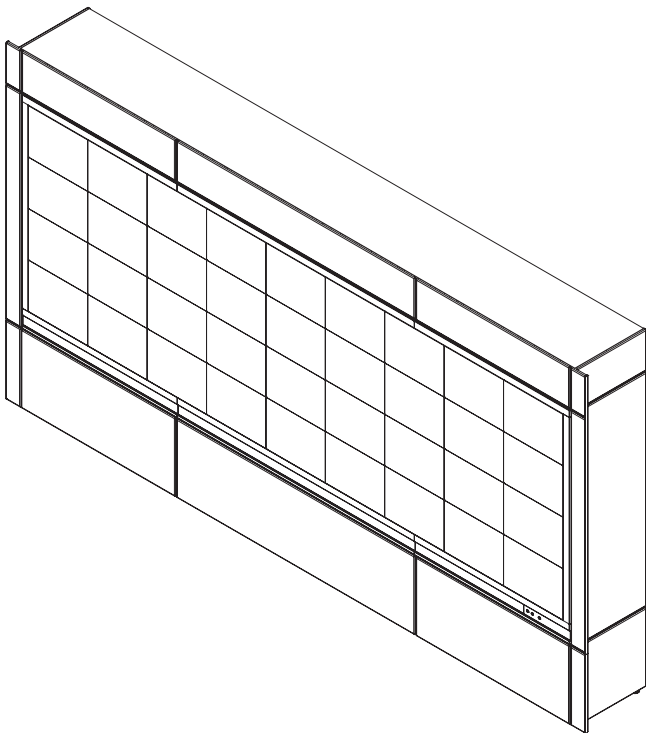


Cascade 190 Collaboration Video Wall (190" Diagonal)

Cascade video walls and displays deliver an unrivaled collaboration experience. Totally immersive and engaging, they enable a new generation of multi-purpose conference rooms. The large, integrated digital canvas allows users to share, annotate, and edit office docs, web apps, multimedia files, and video from multiple simultaneous sources including PCs and mobile devices. Content can be positioned and resized dynamically through multi-user touch. These capabilities offer a breakthrough collaboration experience that raises team productivity and engagement to a new level.

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



Target Applications

Room Types	Conference rooms Board rooms Briefing centers Training rooms Demo centers
Room Size	Large rooms, 10+ people
Ambient Light	Suitable for normal ambient lighting conditions (avoid direct sunlight)

Display Characteristics¹

Display Resolution (w × h)	3,843 × 1,280 (2 × 1080 HD capable)
Total Pixel Count (M)	4.9
Display Width (in)	180.6
Display Width (mm)	4,588
Display Height (in)	60.2
Display Height (mm)	1,529
Display Diagonal (in)	190.4
Display Diagonal (mm)	4,835
Display Area - Total (in ²)	10,854 (equivalent to seven 60" LCDs)
Display Area - Total (m ²)	7.00 (equivalent to seven 60" LCDs)
Number of LPD Tiles	36 (9 wide × 4 high)
Ideal Viewing Distance (ft)	6 – 60
Ideal Viewing Distance (m)	1.8 – 18.3
Viewing Angle (degrees, horizontal or vertical)	178°
Color Shift	No color shift at any angle
Color & Luminance Uniformity	Automatic uniformity maintenance over time
Display Aspect Ratio (width/height)	3.00
Viewable Area	100% (bezel free)
Tile-to-Tile Seams (in)	0.02
Tile-to-Tile Seams (mm)	0.50
Display Lifetime	>60,000 hrs (to 50% initial brightness) No consumables
Touch Type	High-resolution IR
Touch Points	32 simultaneous touch points
Touch Pressure	Zero force
Touch Update Rate (fps)	70
Touch Latency (ms)	7 – 16
Touch Accuracy (mm)	6

¹ Please refer to the TD2 Tile Product Specification Sheet for further information.

...cont'd on reverse

Collaboration Appliance

Typical Features ¹	Video capture (inputs) ² : 4x HDMI 1.4a (max. 8 inputs) Output: 2x DisplayPort 1.2 Processor: Intel i7 RAM: 16 GB HD: 2x 512 GB SSD (RAID 1) Dimensions (W x H x D): 19.0 in x 7.0 in x 15.0 in (483 mm x 177 mm x 381 mm) Interactive Input Controller kit ³ (x2)
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Heat Output - Typical Configuration (BTU/hr)	Avg: 6,312 Max: 11,942
Room Temperature	59 – 86 °F (15 – 30 °C)
Room Humidity	40 – 60% RH, non-condensing
Tip Prevention	Strong points provided on frame for tip prevention
Largest Component Volume	52.0 in x 20.0 in x 24.0 in (1,320 mm x 508 mm x 610 mm)

Environmental

Weight (lbs)	4,226
Weight (kg)	1,917
Weight / Unit Area (lbs/ft ²)	<200 (area directly under base) <100 (including a 2.6 ft working space in front of video wall)
Power Consumption - Display Only (W)	Avg: 1,080 Max: 2,700
Power Consumption - Typical Configuration (W)	Avg: 1,850 Max: 3,500
Heat Output - Display Only (BTU/hr)	Avg: 3,685 Max: 9,213

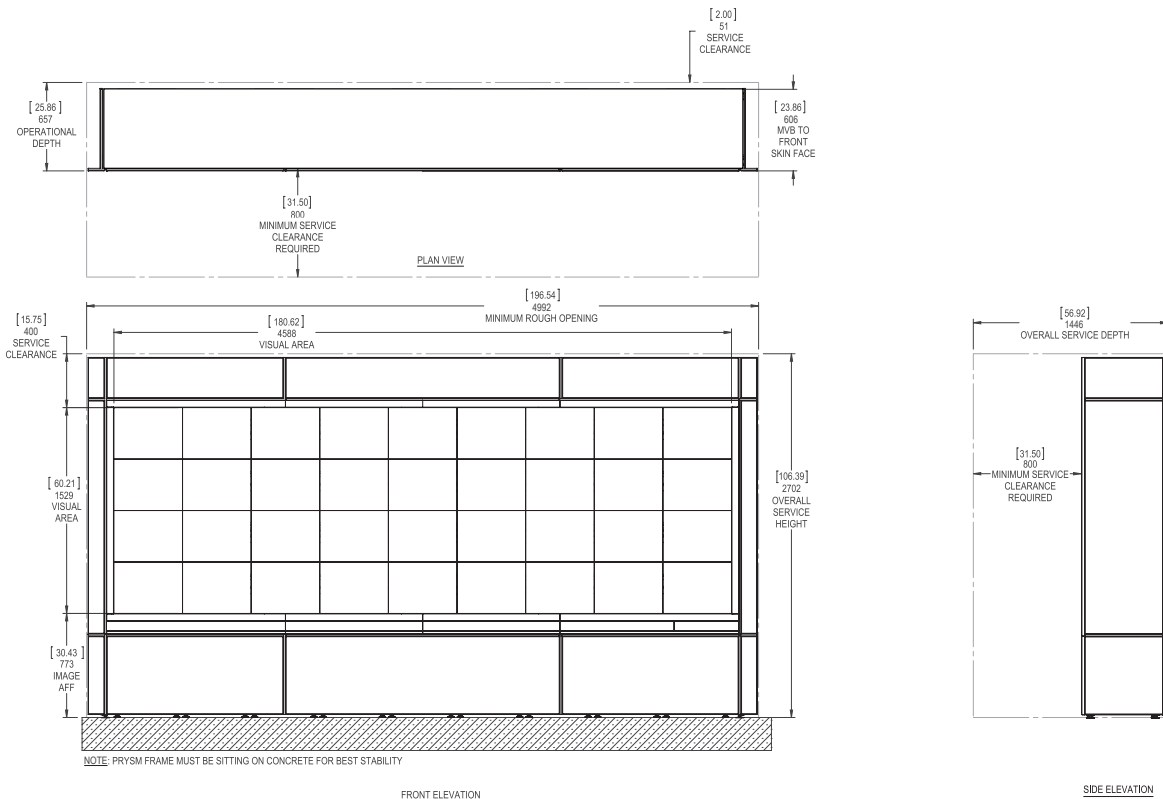
Display Cabinet

Design	Modern
Available Finishes	Slate (Pantone 2336C), Warm Gray (Pantone 3C), or custom
Electronics Storage (RU)	18

Clearances

Minimum Ceiling Height	106 in (2,702 mm)
Required Clearances - Passive Ventilation	Front: 12 in (300 mm) Top: 12 in (300 mm)
Required Clearances - Tile Service	Front: 32 in (800 mm) Rear: 2 in (51 mm) Sides: none Top: see minimum ceiling height

¹ For feature description and additional configuration options please refer to the Prysm Synthesis Specification Sheet.
² Video capture inputs are optional.
³ 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.



Dimensions [in] mm

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