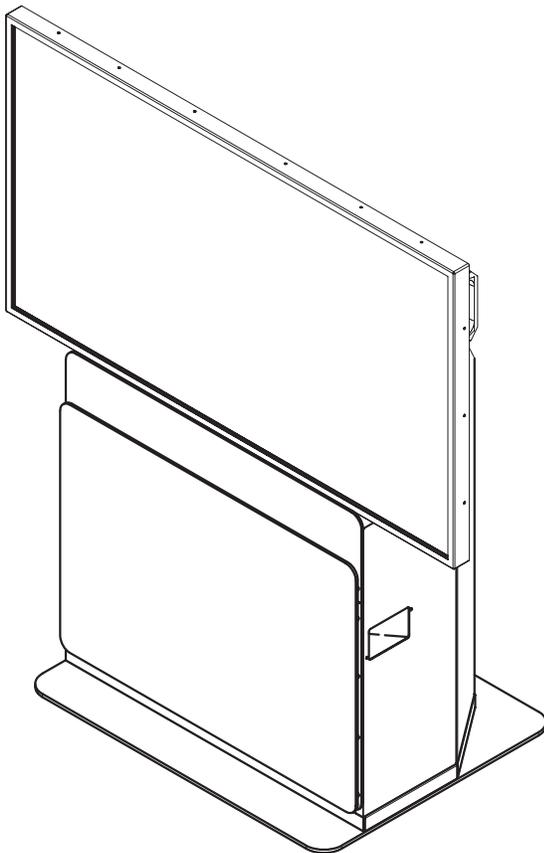


# Cascade 65 Collaboration Display (65" Diagonal)

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](mailto:sales@prysm.com), 1.877.99.PRYSM or +1.408.586.1100.



## Target Applications

|               |  |
|---------------|--|
| Room Types    | Conference Rooms<br>Team Spaces<br>Board Rooms<br>Briefing Centers<br>Training Rooms<br>Demo Centers |
| 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)            | 3840 × 2160 @ 100/120 Hz  |
| Total Pixel Count (M)                 | 8.3   |
| 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                         | >1 billion colors, 10 bit data path                                     |
| Panel Brightness (cd/m <sup>2</sup> ) | 350 (typ.)  |
| Panel Contrast Ratio                  | 5000:1  |
| Backlight Illumination                | Edge LED  |
| Response Time (ms)                    | 6.5 (typ.)  |
| Pixel Pitch (mm)                      | 0.37 × 0.37   |
| Ideal Viewing Distance (ft)           | 3 to 20   |
| Ideal Viewing Distance (m)            | 1 to 6  |
| Display Dimensions (in)               | 58.4 (W) × 33.5 (H) × 3.1 (D)   |
| Display Dimensions (mm)               | 1484 (W) × 852 (H) × 79 (D)   |
| Cover Glass                           | Corning® Gorilla® Glass<br>Chemically-strengthened, 2mm<br>Zero Air Gap |
| Touch Type                            | High-resolution IR  |
| Touch Points                          | 12 simultaneous touch points  |
| Touch Resolution                      | Sub-pixel   |
| Touch Update Rate (fps)               | 200   |
| Touch Latency (ms)                    | 5–10  |
| Touch Accuracy (mm)                   | 2.7   |
| Audio                                 | Two rear facing speakers, 10 W each                                     |

## Display Environmental

|                                      |                                  |
|--------------------------------------|----------------------------------|
| Weight (lbs.)                        | 132.3                            |
| Weight (kg)                          | 60                               |
| Power Consumption - Display Only (W) | Max: 280 Typ: 210 Standby: ≤ 0.5 |
| Heat Output (BTU/hr)                 | Max: 955 Typ: 717                |
| Operating Temperature                | 41–104 °F (5–40 °C)              |
| Storage Temperature                  | -4–140 °F (-20–60 °C)            |
| Humidity                             | Up to 90% RH (non-condensing)    |
| Power Supply (V)                     | AC 100–240                       |
| IP Rating                            | 50                               |

...cont'd on reverse

**Regulatory**

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

**Synthesis Collaboration Appliance**

|                               |  |
|-------------------------------|--|
| Typical Features <sup>1</sup> | Video Capture (Input): 4x HDMI 1.4a<br>Output: 1x DisplayPort 1.2<br>Processor: Intel i7<br>RAM: 16 GB<br>HD: 2x 512 GB SSD (RAID 1)<br>Dimensions (W x H x D):<br>19.0 in x 7.0 in x 15.0 in<br>(483 mm x 177 mm x 381 mm)<br>Interactive Input Controller Kit <sup>2</sup> |
|-------------------------------|--|

<sup>1</sup>For feature description and additional configuration options please refer to the Prysm Synthesis Specification Sheet.  
<sup>2</sup>Enables display and control of remote laptop/desktop from Cascade display.

**Display Stand**

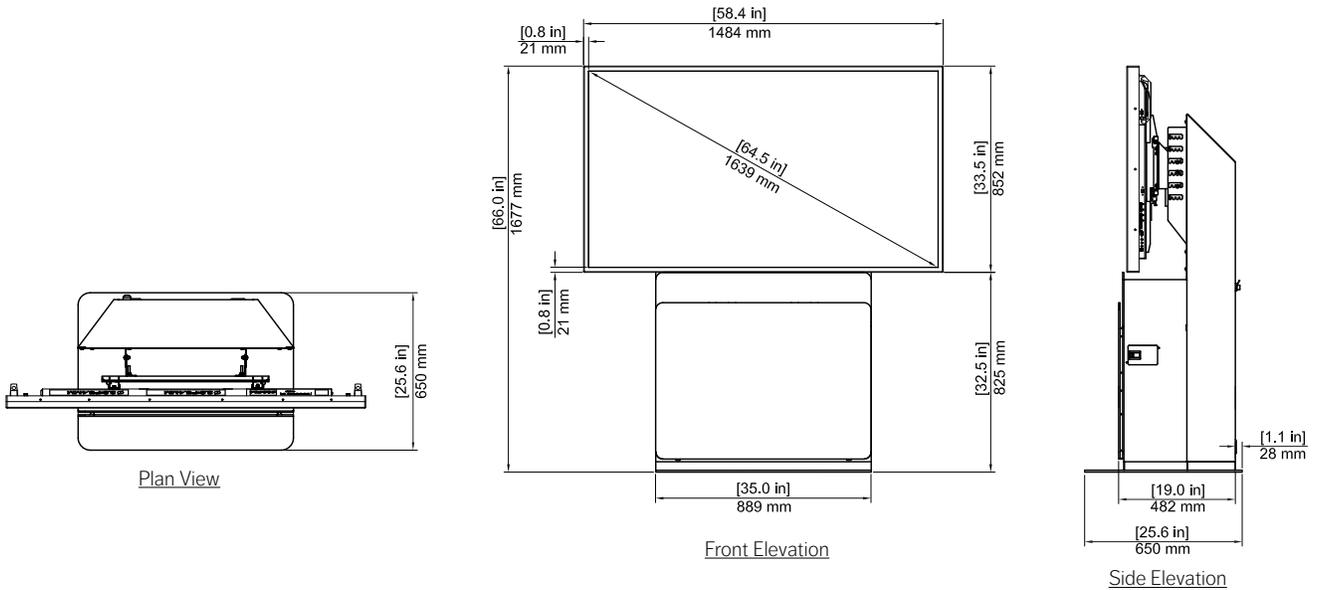
|                          |        |
|--------------------------|--------|
| Design                   | Modern |
| Electronics Storage (RU) | 10     |
| Interior Rack Width (in) | 19.0   |
| Interior Rack Width (mm) | 483    |
| Interior Rack Depth (in) | 15.0   |
| Interior Rack Depth (mm) | 381    |
| 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   |

**Wall Mount**

|           |           |
|-----------|-----------|
| VESA (mm) | 400 x 400 |
|-----------|-----------|

**Clearances**

|   |  |
|---|--|
| Minimum Ceiling Height                    | 96.0 in (2438 mm)                                |
| Display Start Height                      | 32.5 in (825 mm)                                 |
| Required Clearances – Passive Ventilation | Front: 12.0 in (300 mm)<br>Rear: 8.0 in (200 mm) |



Dimensions [in] mm

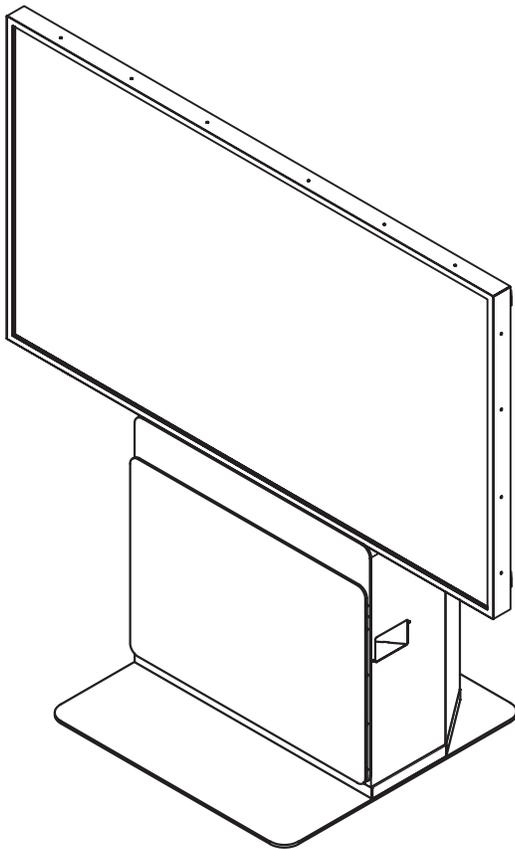
**Disclaimer:**

The information contained herein is subject to change without notice. The only warranties for Prysm products and services are set forth in the express warranty statements accompanying the applicable customer agreement. Nothing herein should be construed as constituting an additional warranty. This document is provided solely for general informational purposes. Prysm shall not be liable for technical or editorial errors or omissions contained herein.

# Cascade 85 Collaboration Display (85" 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](mailto:sales@prysm.com), 1.877.99.PRYSM or +1.408.586.1100.



## Target Applications

|               |  |
|---------------|--|
| Room Types    | Conference Rooms<br>Team Spaces<br>Board Rooms<br>Briefing Centers<br>Training Rooms<br>Demo Centers |
| Room Size     | Small and Medium Rooms, 4 – 10 people  |
| Ambient Light | Suitable for normal indoor ambient lighting conditions (avoid direct sunlight)                       |

## Display Characteristics

|                                       |   |
|---------------------------------------|---|
| Display Resolution (W × H)            | 3840 × 2160 @ 100/120 Hz  |
| Total Pixel Count (M)                 | 8.3 (3840 × 2160 HD = 8.3)  |
| Display Active Area (in)              | 73.7 (W) × 41.5 (H) × 84.5 (diagonal)                                   |
| Display Active Area (mm)              | 1872 (W) × 1053 (H) × 2146 (diagonal)                                   |
| Display Aspect Ratio (width/height)   | 16 : 9  |
| Display Color                         | >1 billion colors, 10 bit data path                                     |
| Panel Brightness (cd/m <sup>2</sup> ) | 500 (typ.)  |
| Panel Contrast Ratio                  | 3000:1  |
| Backlight Illumination                | Direct LED  |
| Response Time (ms)                    | 6.5 (typ.)  |
| Pixel Pitch (mm)                      | 0.49 × 0.49   |
| Ideal Viewing Distance (ft)           | 3 to 30   |
| Ideal Viewing Distance (m)            | 1 to 10   |
| Display Dimensions (in)               | 75.8 (W) × 43.6 (H) × 4.7 (D)   |
| Display Dimensions (mm)               | 1926 (W) × 1108 (H) × 119 (D)   |
| Cover Glass                           | Corning® Gorilla® Glass<br>Chemically-strengthened, 2mm<br>Zero Air Gap |
| Touch Type                            | High-resolution IR  |
| Touch Points                          | 12 simultaneous touch points  |
| Touch Resolution                      | Sub-pixel   |
| Touch Update Rate (fps)               | 200   |
| Touch Latency (ms)                    | 5–10  |
| Touch Accuracy (mm)                   | 2.7   |
| Audio                                 | Two rear facing speakers, 10 W each                                     |

## Display Environmental

|                                      |                                  |
|--------------------------------------|----------------------------------|
| Weight (lbs.)                        | 234.4                            |
| Weight (kg)                          | 106.3                            |
| Power Consumption - Display Only (W) | Max: 520 Typ: 450 Standby: ≤ 0.5 |
| Heat Output (BTU/hr)                 | Max: 1774 Typ: 1535              |
| Operating Temperature                | 41–104 °F (5–40 °C)              |
| Storage Temperature                  | -4–140 °F (-20–60 °C)            |
| Humidity                             | Up to 90% RH (non-condensing)    |
| Power Supply (V)                     | AC 100–240                       |
| IP Rating                            | 50                               |

...cont'd on reverse

**Regulatory**

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

**Collaboration Appliance**

|                               |   |
|-------------------------------|---|
| Typical Features <sup>1</sup> | Video Capture (Inputs): 4x HDMI 1.4a<br>Output: 1x DisplayPort 1.2<br>Processor: Intel i7<br>RAM: 16 GB<br>HD: 2x 512 GB SSD (RAID 1)<br>Dimensions (W x H x D):<br>19.0 in x 7.0 in x 15.0 in<br>(483 mm x 177 mm x 381 mm)<br>Interactive Input Controller Kit <sup>2</sup> |
|-------------------------------|---|

<sup>1</sup>For feature description and additional configuration options please refer to the Prysm Synthesis Specification Sheet.  
<sup>2</sup>Enables display and control of remote laptop/desktop from Cascade display.

**Display Stand**

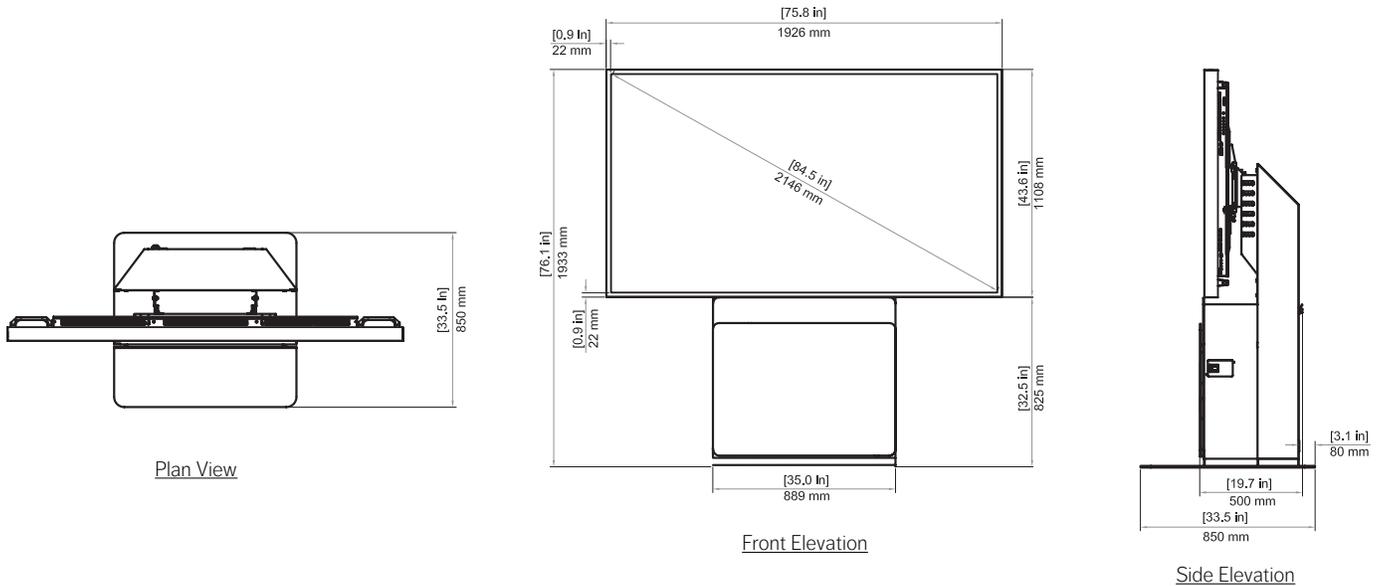
|                          |        |
|--------------------------|--------|
| Design                   | Modern |
| Electronics Storage (RU) | 10     |
| Interior Rack Width (in) | 19.0   |
| Interior Rack Width (mm) | 483    |
| Interior Rack Depth (in) | 15.0   |
| Interior Rack Depth (mm) | 381    |
| Exterior Width (in)      | 35.0   |
| Exterior Width (mm)      | 889    |
| Exterior Depth (in)      | 33.5   |
| Exterior Depth (mm)      | 850    |
| Weight (lbs)             | 220    |
| Weight (kg)              | 99.7   |

**Wall Mount**

|           |                        |
|-----------|------------------------|
| VESA (mm) | 500 x 400 or 500 x 600 |
|-----------|------------------------|

**Clearances**

|   |  |
|---|--|
| Minimum Ceiling Height                    | 96.0 in (2438 mm)                                |
| Display Start Height                      | 32.5 in (825 mm)                                 |
| Required Clearances – Passive Ventilation | Front: 12.0 in (300 mm)<br>Rear: 8.0 in (200 mm) |



Dimensions [in] mm

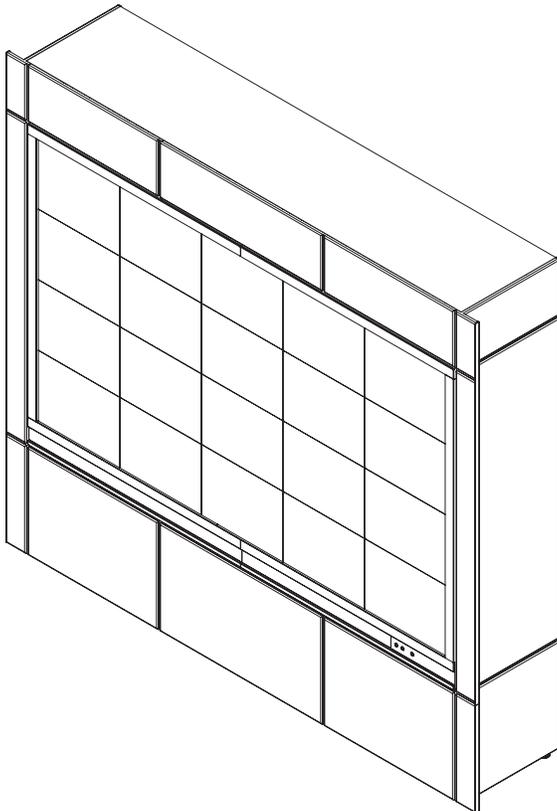
**Disclaimer:**

The information contained herein is subject to change without notice. The only warranties for Prysm products and services are set forth in the express warranty statements accompanying the applicable customer agreement. Nothing herein should be construed as constituting an additional warranty. This document is provided solely for general informational purposes. Prysm shall not be liable for technical or editorial errors or omissions contained herein.

# Cascade 117 Collaboration Video Wall (117" 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](mailto:sales@prysm.com), 1.877.99.PRYSM or +1.408.586.1100.



## Target Applications

|               |   |
|---------------|---|
| Room Types    | Conference Rooms<br>Board Rooms<br>Briefing Centers<br>Training Rooms<br>Demo Centers |
| Room Size     | Medium Rooms, 6 – 16 people   |
| Ambient Light | Suitable for normal ambient lighting conditions (avoid direct sunlight)               |

## Display Characteristics<sup>1</sup>

|   |   |
|---|---|
| Display Resolution (w × h)                      | 2,135 × 1,280 (1080 HD capable)                           |
| Total Pixel Count (M)                           | 2.7   |
| Display - Width (in)                            | 100.3   |
| Display - Width (mm)                            | 2,549   |
| Display - Height (in)                           | 60.2  |
| Display - Height (mm)                           | 1,529   |
| Display - Diagonal (in)                         | 117.0   |
| Display - Diagonal (mm)                         | 2,972   |
| Display Area - Total (in <sup>2</sup> )         | 6,030 (equivalent to four 60" LCDs)                       |
| Display Area - Total (m <sup>2</sup> )          | 3.89 (equivalent to four 60" LCDs)                        |
| Number of LPD Tiles                             | 20 (5 wide × 4 high)                                      |
| Ideal Viewing Distance (ft)                     | 6 to 40   |
| Ideal Viewing Distance (m)                      | 1.8 to 12.2   |
| 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)             | 1.67  |
| 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)<br>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   |

<sup>1</sup> Please refer to the TD2 Tile Product Specification Sheet for further information.

...cont'd on reverse



Laser Phosphor Display

**Collaboration Appliance**

|                                |   |
|--------------------------------|---|
| Standard Features <sup>1</sup> | Video Capture (Inputs): 4x HDMI 1.4a<br>Output: 1x DisplayPort 1.2<br>Processor: Intel i7<br>RAM: 16 GB<br>HD: 2x 512 GB SSD (RAID 1)<br>Dimensions (W x H x D):<br>19.0 in x 7.0 in x 15.0 in<br>(483 mm x 177 mm x 381 mm)<br>Interactive Input Controller Kit <sup>2</sup> |
|--------------------------------|---|

**Environmental**

|   |   |
|---|---|
| Weight (lbs)                                  | 2,483   |
| Weight (kg)                                   | 1,126   |
| Weight / Unit Area (lbs/ft <sup>2</sup> )     | <200 (area directly under base)<br><100 (including a 2.6 ft working space in front of video wall) |
| Power Consumption - Display Only (W)          | Avg: 600<br>Max: 1,500  |
| Power Consumption - Typical Configuration (W) | Avg: 1,350<br>Max: 2,250  |
| Heat Output - Display Only (BTU/hr)           | Avg: 2,047<br>Max: 5,118  |
| Heat Output - Typical Configuration (BTU/hr)  | Avg: 4,606<br>Max: 7,677  |

|                          |   |
|--------------------------|---|
| 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<br>(1,320 mm x 508 mm x 610 mm) |

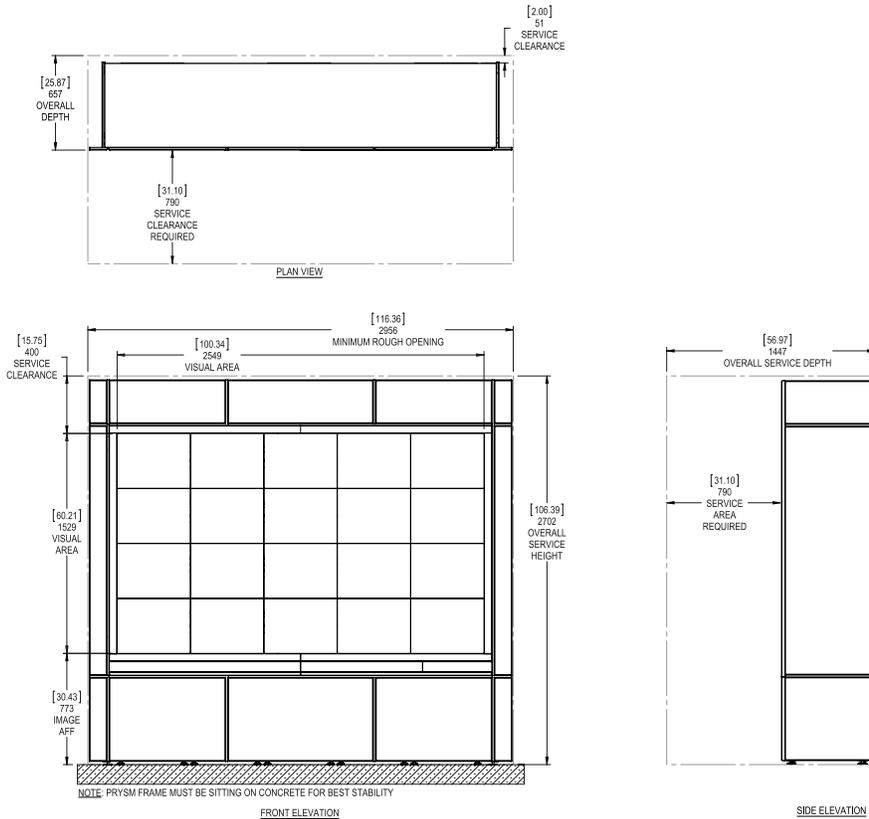
**Display Cabinet**

|                          |   |
|--------------------------|---|
| Design                   | Modern  |
| Available Finishes       | Slate (Pantone 2336C),<br>Warm Gray (Pantone 3C), or custom |
| Electronics Storage (RU) | 10  |

**Clearances**

|   |   |
|---|---|
| Minimum Ceiling Height                    | 106 in (2,702 mm)   |
| Required Clearances - Passive Ventilation | Front: 12 in (300 mm)<br>Top: 12 in (300 mm)  |
| Required Clearances - Tile Service        | Front: 31 in (790 mm)<br>Rear: 2 in (51 mm)<br>Sides: None<br>Top: see minimum ceiling height |

<sup>1</sup> For feature description and additional configuration options please refer to the Prysm Synthesis Specification Sheet.  
<sup>2</sup> Enables display and control of remote laptop/desktop from Cascade display.



Dimensions [in] mm

**Disclaimer:**

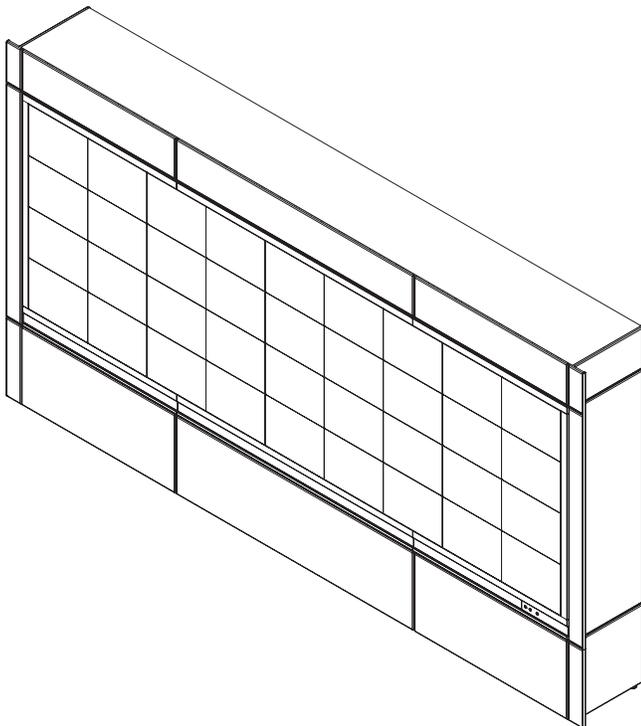
The information contained herein is subject to change without notice. The only warranties for Prysm products and services are set forth in the express warranty statements accompanying the applicable customer agreement. Nothing herein should be construed as constituting an additional warranty. This document is provided solely for general informational purposes. Prysm shall not be liable for technical or editorial errors or omissions contained herein. Video wall display characteristics may vary from the tile display characteristics specified herein based upon factors including, but not limited to, the size of the video wall and display configuration settings.



# 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](mailto:sales@prysm.com), 1.877.99.PRYSM or +1.408.586.1100.



## Target Applications

|               |   |
|---------------|---|
| Room Types    | Conference Rooms<br>Board Rooms<br>Briefing Centers<br>Training Rooms<br>Demo Centers |
| Room Size     | Large Rooms, 10+ people   |
| Ambient Light | Suitable for normal ambient lighting conditions (avoid direct sunlight)               |

## Display Characteristics<sup>1</sup>

|   |   |
|---|---|
| Display Resolution (w × h)                      | 3,843 × 1,280 (2x 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 <sup>2</sup> )         | 10,854 (equivalent to seven 60" LCDs)                     |
| Display Area - Total (m <sup>2</sup> )          | 7.00 (equivalent to seven 60" LCDs)                       |
| Number of LPD Tiles                             | 36 (9 wide × 4 high)                                      |
| Ideal Viewing Distance (ft)                     | 6 to 60   |
| Ideal Viewing Distance (m)                      | 1.8 to 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)<br>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   |

<sup>1</sup> Please refer to the TD2 Tile Product Specification Sheet for further information.

...cont'd on reverse



Laser Phosphor Display

**Collaboration Appliance**

|                                |  |
|--------------------------------|--|
| Standard Features <sup>1</sup> | Video Capture (Inputs): 4x HDMI 1.4a<br>Output: 2x Display Ports 1.2<br>Processor: Intel i7<br>RAM: 16 GB<br>HD: 2x 512 GB SSD (RAID 1)<br>Dimensions (W x H x D):<br>19.0 in x 7.0 in x 15.0 in<br>(483 mm x 177 mm x 381 mm)<br>Interactive Input Controller Kit <sup>2</sup> (x2) |
|--------------------------------|--|

**Environmental**

|   |   |
|---|---|
| Weight (lbs)                                  | 4,226   |
| Weight (kg)                                   | 1,917   |
| Weight / Unit Area (lbs/ft <sup>2</sup> )     | <200 (area directly under base)<br><100 (including a 2.6 ft working space in front of video wall) |
| Power Consumption - Display Only (W)          | Avg: 1,080<br>Max: 2,700  |
| Power Consumption - Typical Configuration (W) | Avg: 1,850<br>Max: 3,500  |
| Heat Output - Display Only (BTU/hr)           | Avg: 3,685<br>Max: 9,213  |
| Heat Output - Typical Configuration (BTU/hr)  | Avg: 6,312<br>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) |

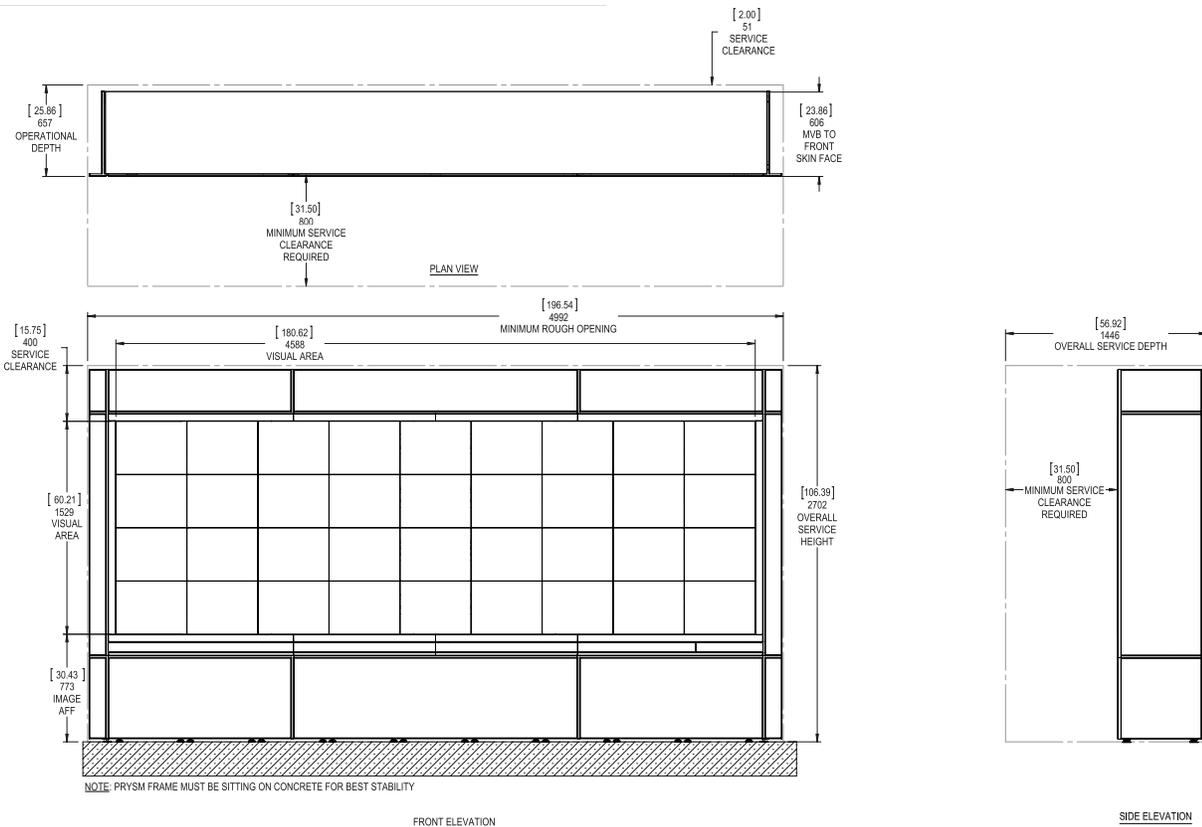
**Display Cabinet**

|                          |  |
|--------------------------|--|
| 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)<br>Top: 12 in (300 mm)  |
| Required Clearances - Tile Service        | Front: 32 in (800 mm)<br>Rear: 2 in (51 mm)<br>Sides: None<br>Top: see minimum ceiling height |

<sup>1</sup> For feature description and additional configuration options please refer to the Prysm Synthesis Specification Sheet.  
<sup>2</sup> Enables display and control of remote laptop/desktop from Cascade display.



Dimensions [in] mm

**Disclaimer:**

The information contained herein is subject to change without notice. The only warranties for Prysm products and services are set forth in the express warranty statements accompanying the applicable customer agreement. Nothing herein should be construed as constituting an additional warranty. This document is provided solely for general informational purposes. Prysm shall not be liable for technical or editorial errors or omissions contained herein. Video wall display characteristics may vary from the tile display characteristics specified herein based upon factors including, but not limited to, the size of the video wall and display configuration settings.

