Product Specification Sheet

Prysm 190 Visual Workplace Solution

Transform your workplace with the Prysm 190 Visual Workplace Solution powered by the Prysm Application Suite and Prysm's patented laser phosphor display (LPD) technology. Prysm Visual Workplace Solutions deliver powerful features with an interface that's as easy to use as a tablet. Packed with tools that bring together people, content and ideas, they display streaming video, web apps, documents, presentations, images and inputs from laptops and mobile devices with a simple tap. Size, position and annotate any content on screen through the touch interface. Mirror up to ten Prysm Visual Workplaces to extend real-time collaboration across multiple sites. With Prysm Visual Workplace Solutions, you'll streamline workflow, increase productivity, accelerate decision making and change the way you work – forever.

For more information, contact us at sales@prysm.com, +1.408.586.1178 or 1.877.99.PRYSM.

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 Characteristics [1]

Display Resolution (W × H)	3843 × 1280 (2 × 1080 HD capable)
Total Pixel Count	4.9 million
Display Area (total)	10,854 in^2, 7.0 m^2 (equivalent to seven 60 inch LCDs)
Display Dimensions (W × H × diagonal)	180.6 in × 60.2 in × 190.4 in 4588 mm × 1529 mm × 4835 mm
Number of LPD Tiles	36 (9 wide × 4 high)
Ideal Viewing Distance	6 – 60 ft 1.8 – 18.3 m
Viewing Angle	178° (horizontal or vertical)
Color Shift	No color shift at any angle
Color & Luminance Uniformity	Automatic uniformity maintenance over time
Display Aspect Ratio (W/H)	3.00
Tile-to-Tile Seams	0.02 in ± 0.1 in 0.50 mm ± 0.2 mm
Touch Type	High-resolution IR
Touch Points	32 simultaneous touch points
Touch Pressure	Zero force
Touch Update Rate	70 fps
Touch Latency	7 – 16 ms
Touch Accuracy	6 mm

Application Appliance (X40)[2]

Video Output	NVIDIA® Quadro® M4000 4x DisplayPort 1.2
Video Capture [3] (Input)	4x HDMI 1.4a (configurable up to 12x HDMI)
Processor	Intel® Xeon E5
Storage (RAID1)	2x (dual) 256 GB SSD
Dimensions (W × H × D)	17.5 in × 8.0 in × 20.7 in 446 mm × 203 mm × 526 mm
Interactive Input Controller [4] (Qty)	1x

[1] Refer to the TD2 Tile Product Specification Sheet for further information.

[2] The features listed for the X40 application appliance are typical for a base model. For additional feature and configuration information, refer to the Prysm Application Suite – Synthesis specification sheet.

[3] HDCP-compliant HDMI inputs accept HDMI live source inputs at 720p @ 60 Hz and 1080p @ 60 Hz, such as laptops, tablets, VTC, HDTV. HDCP-encoded content connected as a live source is not displayed.

[4] IIC enables control of a connected laptop (Mac, Win, Linux) from the display via USB and one HDMI input. An interactive live source is limited to 16 × 9 aspect ratio with a maximum resolution of 1920 × 1080 @ 60 Hz.

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Solution Environmental

Weight	4226 lbs 1917 kg
Weight / Unit Area Under base	<200 lbs/ft [1]
Weight / Unit Area Including 2.6 ft in front of video wall	<100 lbs/ft [1]
Power Consumption Display only	Avg: 1080 W Max: 2700 W
Power Consumption Typical configuration	Avg: 1850 W Max: 3500 W
Heat Output Display only	Avg: 3685 BTU/hr Max: 9213 BTU/hr
Heat Output Typical configuration	Avg: 6312 BTU/hr Max: 11942 BTU/hr
Room Temperature	59 – 86 ºF 15 – 30 ºC
Room Humidity	40 – 60% RH, non-condensing
Tip Prevention	Strong points provided on frame for tip/seismic prevention
Largest Component Volume	52.0 in × 20.0 in × 24.0 in 1320 mm × 508 mm × 610 mm

[1] Weight, power and heat output specifications do not include speakers.
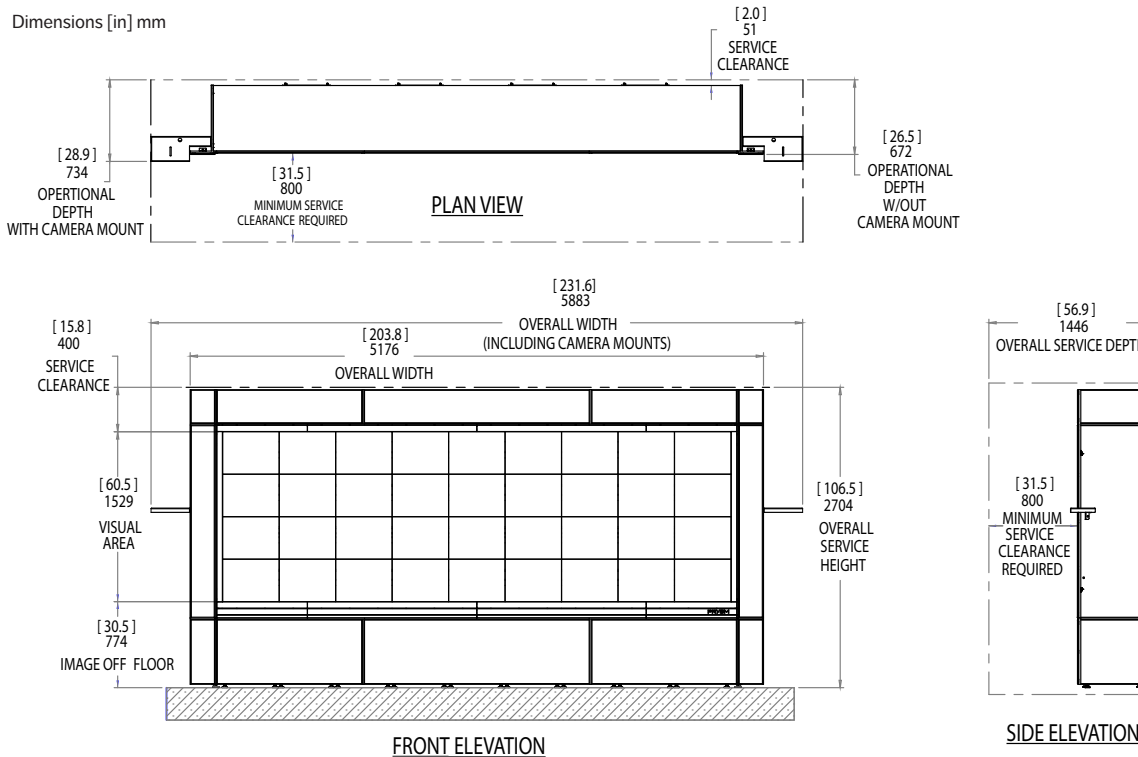
Display Cabinet

Design / Finish	Modern / Slate (Pantone 2336C)
Electronics Storage	18 RU
Camera Mounts	Two (optional)

Speakers

Configuration	Two frequency shaded line arrays
Frequency Response	120 – 20000 Hz ± 3 dB
Sensitivity	95 dB @ 2.83 V / 1 M
Coverage Angles	120° H × 25° V
Dimensions (W × H × D)	4.1 in × 38.5 in × 2.1 in 104 mm × 978 mm × 54 mm
Weight (per speaker)	25 lbs, 11.4 kg
Power Consumption	200 W total

Clearances

Minimum Ceiling Height	106.0 in, 2702 mm
Required Clearances - Passive Ventilation	All Sides: 2 in, 51 mm minimum clearance
Required Clearances - Tile Service	Front: 32.5 in, 800 mm Rear: 2.0 in, 51 mm Sides: none Top: see minimum ceiling height

Dimensions [in] mm

[2.0]
51
SERVICE CLEARANCE

[28.9]
734
OPERTIONAL DEPTH WITH CAMERA MOUNT

[31.5]
800
MINIMUM SERVICE CLEARANCE REQUIRED

PLAN VIEW

[26.5]
672
OPERATIONAL DEPTH W/OUT CAMERA MOUNT

[231.6]
5883
OVERALL WIDTH (INCLUDING CAMERA MOUNTS)

[203.8]
5176
OVERALL WIDTH

[15.8]
400
SERVICE CLEARANCE

[60.5]
1529
VISUAL AREA

[30.5]
774
IMAGE OFF FLOOR

[106.5]
2704
OVERALL SERVICE HEIGHT

FRONT ELEVATION

[56.9]
1446
OVERALL SERVICE DEPTH

[31.5]
800
MINIMUM SERVICE CLEARANCE REQUIRED

SIDE ELEVATION

Contact us at sales@prysm.com, +1.408.586.1178 or 1.877.99.PRYSM with the following product information:

Product ID: PR-CVW-190
Part Number: 038-00060-00