PRYSM®

Prysm 85 Visual Workplace Solution

Transform your workplace with the Prysm 85 Visual Workplace Solution powered by the Prysm Application Suite. 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 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
	Team spaces
	Board rooms
	Briefing centers
	Training rooms
	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 pixels
Refresh Rate	100/120 Hz
Max Input Resolution and Frame Rate	3840 × 2160 @ 60 Hz
Total Pixel Count	8.3 million
Display Active Area (W × H × diagonal)	73.7 in × 41.5 in × 84.5 in 1872 mm × 1053 mm × 2146 mm
Display Aspect Ratio (W/H)	16 : 9
Display Color	>1 billion colors, 10 bit data path
Panel Brightness (typical)	500 cd/m
Panel Contrast Ratio	3000:1
Backlight Illumination	Direct LED
Response Time (typical)	6.5 ms
Pixel Pitch	0.49 mm × 0.49 mm
Ideal Viewing Distance	3 – 30 ft 1 – 10 m
Display Dimensions (W × H × D, with handles)	75.8 in × 43.6 in × 4.7 in 1926 mm × 1108 mm × 119 mm
Cover Glass	Corning® Gorilla® glass
Touch Type	High-resolution IR
Touch Points	12 simultaneous distinct points
Touch Resolution	Sub-pixel
Touch Update Rate	200 fps
Touch Latency	5 – 10 ms
Touch Accuracy	2.7 mm
Audio	Two rear facing speakers, 10 W each

Application Appliance (X30)

Video Output	NVIDIA® Quadro® K1200 (4x Mini DisplayPort 1.2)
Video Capture/Input [1]	4x HDMI 1.4a
Processor	Intel® Xeon E3
Storage	256 GB SSD
Dimensions (W × H × D)	13.3 in × 3.95 in × 15.0 in 338 mm × 100 mm × 381 mm
Interactive Input Controller [2] (Qty)	1x

[1] 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.

[2] 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

	Display	Application Appliance
Weight	234.4 lbs, 106.3 kg	16.0 lbs, 7.2 kg
Power Consumption	Max: 520 W Typical: 450 W Standby: ≤ 0.5 W	Max: 155 W Typical: 130 W Sleep: 2.1 W
Heat Output	Max: 1774 BTU/hr Typical: 1535 BTU/hr	Max: 890 BTU/hr Typical: 444 BTU/hr
Operating Temperature	41 – 104 ºF 5 – 40 ºC	40 – 95 ºF 5 – 35 ºC
Storage Temperature	-4 – 140 ºF -20 – 60 ºC	-40 – 140 ºF -40 – 60 ºC
Humidity (non-condensing)	Up to 90% RH	Up to 85% (operating)
Power Supply	100 – 240 VAC	100 – 240 VAC
IP Rating	50	50

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 Stand/Cart

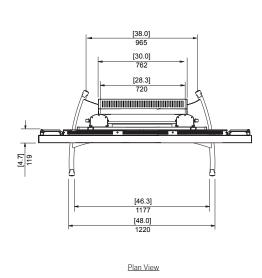|	
Exterior Width (max)	48.0 in, 1220 mm
Exterior Depth (max)	24.5 in, 623 mm
Weight	120.0 lbs, 54.4 kg
Included Parts	Camera tray, accessories tray and castors

Application Appliance Cabinet

Dimensions (W × H × D)	30.0 in × 20.3 in × 5.1 in 762 mm × 516 mm × 129 mm
Weight	28.5 lbs, 12.9 kg

Wall Mount

VESA	500 mm × 400 mm 500 mm × 600 mm

Clearances

Minimum Ceiling Height	96.0 in, 2438 mm
Display Start Height	33.0 in, 838 mm Add 2.5 inches, 76 mm for castors
Required Clearances — Passive Ventilation	Front: 12.0 in, 300 mm Rear: 8.0 in, 200 mm

Plan View

Front Elevation

Side Elevation

Dimensions [in] mm

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

Product ID: PR-LCDAG-85
Part Number: 038-00025-00