

Refinio Media Wall by Peerless-AV®

108" ALL-IN-ONE dvLED AND VC DISPLAY SOLUTION

LEDMW-108-2KVC MODELS



- Also available 108" without VC (LEDMW-108 models) 136" (LEDMW-136 models) and 163" (LEDMW-163 models) dvLED configurations to support a variety of room sizes and viewing distances
- Features furniture-grade TFL cabinetry offered in a range of standard and custom finishes
- Includes press-to-release, soft-close cabinet doors for smooth, quiet access and a premium user experience
- Integrated LED base illumination elevates the overall design, creating a more polished, professional environment
- Utilizes natural convection cooling, and also includes thermostatically controlled, whisper-quiet fans to maintain proper operating temperatures
- Supports integration of third-party AV equipment, including video conferencing systems and power protection



White Casella Oak Finish Shown

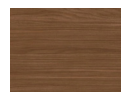
ALL-IN-ONE SOLUTION
Includes a FHD COB dvLED display, precision-engineered mounting system, furniture-grade TFL cabinetry, and video conferencing and acoustic housing for fast and streamlined technology deployment

INSTALLATION-FRIENDLY DESIGN
Designed for quick installation with minimal room preparation to reduce overall project time and cost

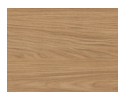
INTEGRATED CAMERA & AUDIO SUPPORT
This solution is designed to accommodate a customer-supplied video conferencing system, with a mounting height of 43" (1100mm) and the option to relocate the camera above the display

CONVENIENT COMPONENT STORAGE
Base cabinets include an integrated 2RU rack, shelf, and component tray to maximize usable space and keep equipment organized and easily accessible

CABINETRY COLOUR OPTIONS



Lincoln Walnut



Natural Casella Oak



White Casella Oak



Black



Dust Grey



Premium White

ACOUSTIC FABRIC COLOUR OPTIONS*



Light Grey



Black

*Acoustic fabric panels are included with video conferencing-enabled models only.

dvLED Display Specifications

FHD Model

SIZE	108" (2400 x 1350mm)
PIXEL PITCH	1.2 pp
RESOLUTION	FHD
LED LAMP TYPE	COB
MAX BRIGHTNESS	600 nits
CONTRAST	12,000 : 1
COLOUR BIT	22 bit
REFRESH RATE	3840 Hz
VIEWING ANGLE	H 178° / V 178°
RECEIVING CARD	NS6323A
CONTROLLER	NovaStar MX20
OPERATING TEMPERATURE RANGE	-10° to 45°C (14°F to 113°F)
OPERATING HUMIDITY RANGE	10% to 80%
LIFESPAN	100,000 Hours
INPUT VOLTAGE	100-240V, 50/60Hz
POWER CONSUMPTION	369W Avg
	1102W Max
COLOUR GAMUT	DCI-P3 : 99.49%
	Rec. 709 : 100%
	Rec. 2020 : 86.13%
SPARE PARTS INCLUDED	Pixel Modules (x4), Receiver Cards (x2), Hub Boards (x2), Power Supplies (x2), Service Tool



dvLED Controller Specifications

NOVASTAR MX20 (FHD)

INPUTS	2x HDMI v1.3, 1x 3G-SDI
OUTPUTS	LED OUTPUTS: 6x 1 Gbps
	OPTICAL FIBER OUTPUTS: 2x 10 Gbps
	Genlock
BIT RATE	10 bit
CONTROL	TCP/IP, RS232: 2x RJ45
LOADING CAPACITY	MAX PIXELS PER OUTPUT: 650,000 Pixels
TOTAL PIXELS	3.9 Million Pixels
	MAXIMUM INPUT RESOLUTION: 1920 x 1080 @ 60Hz
	MAX OUTPUT WIDTH/HEIGHT: 3840 Pixels x 2560 Pixels
BUILT-IN SCALING	Custom, Pixel to Pixel, Snap to Canvas, Fill Screen
SUPPORTED LAYERS	~3 Layers
POWER INPUT	100-240V, 50/60Hz
MAX POWER CONSUMPTION	50W
OPERATING TEMPERATURE RANGE	-20°C to 45°C (-4°F to 113°F)
RACK DIMENSIONS	1RU
DIMENSIONS	482.6 x 49.9 x 384mm (19" x 1.96" x 15.12")
WEIGHT	4.5kg (9.92lb)
CERTIFICATIONS	CE, RoHS, FCC, IC, UL, CB
ACCESSORIES INCLUDED (1 EACH)	Power Cord, Ethernet Cable, HDMI Cable, Certificate of Approval

Product Specifications

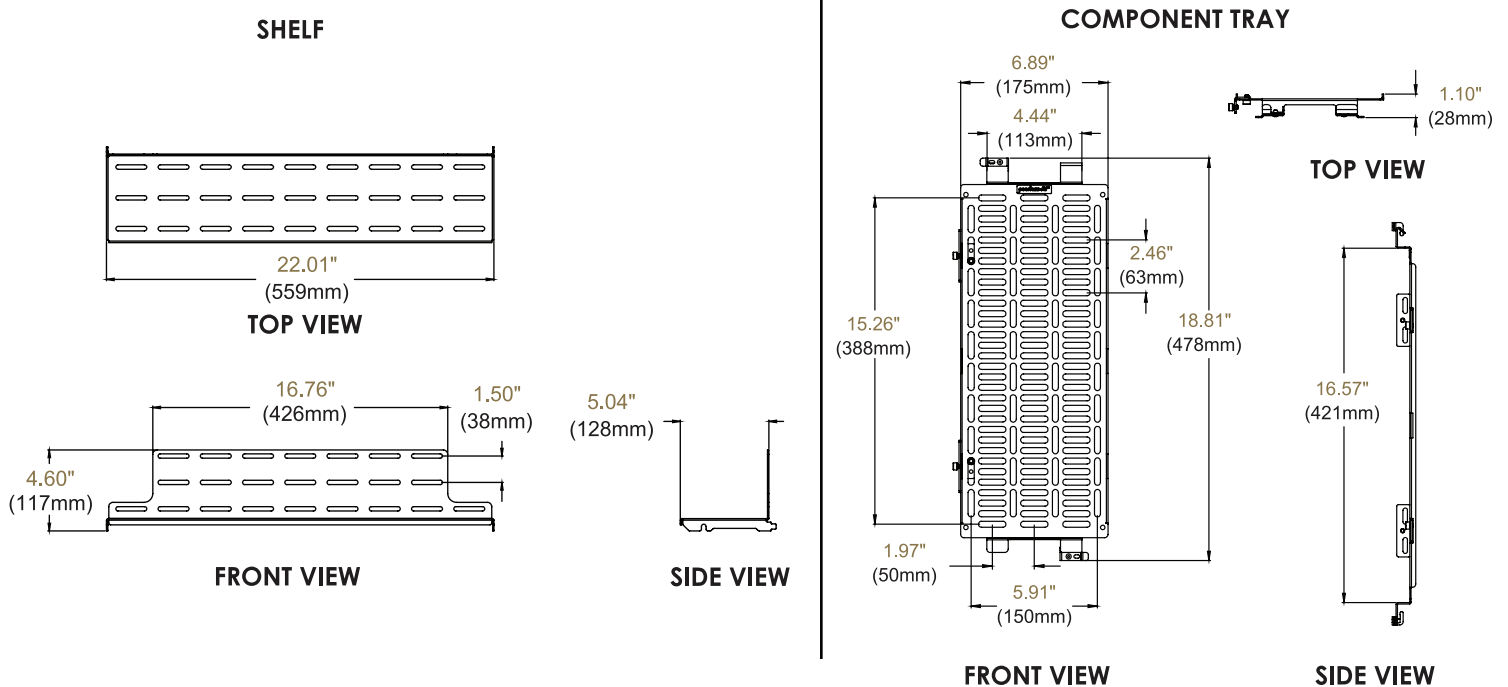
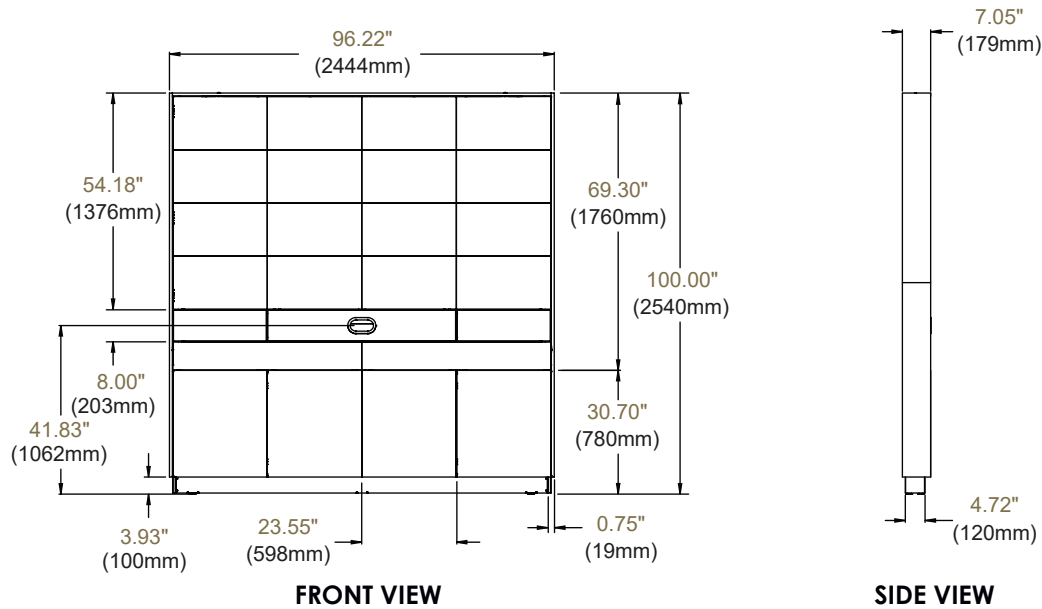
	DIMENSIONS (W x H x D)	PRODUCT WEIGHT	FINISH	CABINET COLOURS	ACOUSTIC FABRIC COLOUR
LEDMW-108-2KVCBB LEDMW-108-2KVCWB LEDMW-108-2KVCGB LEDMW-108-2KVCLB LEDMW-108-2KVCMB LEDMW-108-2KVCDB	2443 x 2546 x 180mm (96.18" x 100.25" x 7.08")	225kg (497lb)	Thermally Fused Laminate (TFL)	Black Premium White Dust Grey White Casella Oak Natural Casella Oak Lincoln Walnut	Black
LEDMW-108-2KVCBG LEDMW-108-2KVCWG LEDMW-108-2KVCGG LEDMW-108-2KVCLG LEDMW-108-2KVCMG LEDMW-108-2KVCDG				Black Premium White Dust Grey White Casella Oak Natural Casella Oak Lincoln Walnut	Grey

Package Specifications

	PACKAGE SIZE (W x H x D)	PACKAGE SHIP WEIGHT	PACKAGE UPC CODE	PACKAGE CONTENTS	UNITS IN PACKAGE
LEDMW-108-2KVCBB LEDMW-108-2KVCWB LEDMW-108-2KVCGB LEDMW-108-2KVCLB LEDMW-108-2KVCMB LEDMW-108-2KVCDB	COMING SOON	COMING SOON	735029361954 735029361961 735029361978 735029361985 735029361992 735029362005	FHD COB dvLED Display @ 1.2 pp NovaStar MX20 dvLED Mount Furniture-Grade TFL Cabinetry Video Conferencing Cabinet Thermostatically Controlled Fans (4)	1
LEDMW-108-2KVCBG LEDMW-108-2KVCWG LEDMW-108-2KVCGG LEDMW-108-2KVCLG LEDMW-108-2KVCMG LEDMW-108-2KVCDG			735029362029 735029362036 735029362043 735029362050 735029362067 735029362012	2RU Equipment Rack (1) Shelf (1) Universal AV Component Tray (1) LED Base Lights	

Accessories

- ACC-UCM3: Universal AV Component Tray
- ACC-STSCC: Crestron® Collab Compute Mounting Bracket
- ACC-STSCF1: Crestron® Flex 260/200 Mounting Bracket
- ACC-STSPDU: SurgeX® DisplayPak+ Mounting Bracket
- LEDMW-A2RU: 2RU Equipment Rack
- LEDMW-ACCR: Cabinet Rails for Hanging Accessories
- LEDMW-ADLK: Door Lock
- LEDMW-AFAN: Exhaust Fan
- LEDMW-ASHF: Shelf
- ACC-UK4GIEC: UK Power Strip
- ACC-EU3GIEC: EU Power Strip



Architect Specifications

The Refinio Media Wall by Peerless-AV® 108" All-In-One dvLED Display Solution shall be a Peerless-AV LEDMW-108-2KVC Models models and shall be located where indicated on the plans. Assembly and installation shall be done according to instructions provided by the manufacturer.

Visit peerless-av.com to see the complete line of AV solutions from Peerless-AV, including outdoor displays, kiosks, display mounts, projector mounts, carts/stands, and a full assortment of accessories.

Peerless-AV
2300 White Oak Circle
Aurora, IL 60502
USA
(800) 865-2112
(630) 375-5100

Peerless-AV EMEA
Unit 2 Curo Park
Frogmore, St. Albans
Hertfordshire, AL2 2DD
United Kingdom
+44 (0) 1923 200 100

Peerless-AV B.V.
Papendorpseweg 75
3528 BJ Utrecht
The Netherlands
+31 (0) 70 770 8037

Peerless-AV Latin America
Av. de las Industrias 413
Parque Industrial Escobedo
General Escobedo, N.L.,
México, 66062
+52 (81) 8384-8300

