EPT9IP LED VIDEO PANEL

ADVANCED NANOTECHNOLOGY 9MM LED OUTDOOR RATED PRO TOURING SCREEN

Elation Professional introduces it's new 9mm pixel pitch modular outdoor rated Pro Touring LED display… the EPT9IP LED Screen. It's light weight durable die-cast aluminum frame, patented rapid NTR-LoK™ (No Tool Required Lock) compression pins, and (5) fixed curve rigging options (-15°,-7.5°,0°,7.5°,15°), allows for easy installation of captivating and seamless curved shaped designs including full circle, convex, and concave displays. The EPT9IP uses the latest dot correction technology which provides full color uniformity and brightness. The EPT9IP LED Screen is ideal for outdoor Pro Touring portable or permanent installations.

Product Features

- 9mm Pixel Pitch / 64(H) x 64(V) Resolution
- Modular Outdoor Rated (full IP65 front and back)
- Light Weight Die-Cast Aluminum Frame (23 lbs. / 10.5kg)
- Patented Rapid NTR-LoK™ Compression Pins
- Fixed Curve Rigging Options (-15°, -7.5°, 0°, 7.5°, 15°)
- Full Circle, Convex, and Concave Display Designs
- Dot Correction Technology
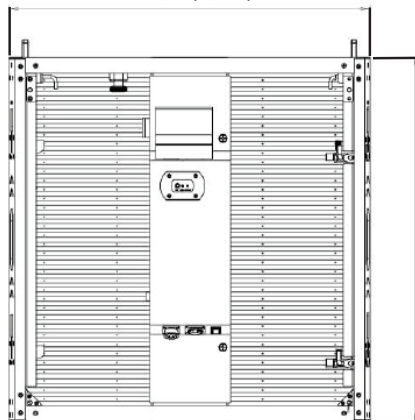- Easy To Remove/Replace Power Supply Module

TECHNICAL SPECIFICATIONS

Panel	Resolution / Pixel Pitch	64(H) × 64(V) / 9mm (0.35")
	LED Configuration	3-IN-1 SMD 3535 LED
	Pixel Density	12,346 pixels/m²
	Size	22.7" x 22.7" x 4.6" (576 × 576 × 118mm)
	Module Quantity	4
	Weight	23lbs. (10.5Kg)
Mechanical Ratings	Surface Flatness	Gap≤0.5mm
Optical Ratings	Brightness	≥5000 cd/m²
	View Angle / Distance	140°/140° / ≥30ft (9m)
	Gray Scale / Display Color	8bit input, Correction with 16bits / 16.7M
	Transparent Ratio	15% Dual Mode Shifter Built-In
	Brightness Adjustment	0~100% 100 Levels
Power Supply	Operation Power	100~240V 50-60Hz
	Power Consumption	Max = 600 w/m² - Average = 200 w/m²
	Panel Power Consumption	Max = 200 w/per panel - Average = 70 w/per panel
Control System	Control Mode	Synchronous Display with Control PC by DVI
	Frame Update Frequency	50-75Hz
	Scan Mode / Refresh Rate	1/4 Duty / 2000Hz
	Support Input	Composite, S-Video, Component, VGA, DVI, HDMI, HD_SDI
	Control Distance	Ethernet Cable ≤120m or Fiber Optic~120m
	Support VGA Mode	1024×768, 1280×1024, 1600×1200, 1920×1280
	Brightness Correction	Pixel, Module, Cabinet
Environmental	Operating Temp / Humidity	-10°~+50° / 10~90% RH No Condensation
	Operating Life / MTBF	100,000 Hours / 5000 Hours
	Protection Level	IP65 (Front and Back)
	Out of Control Rate	≤0.02%

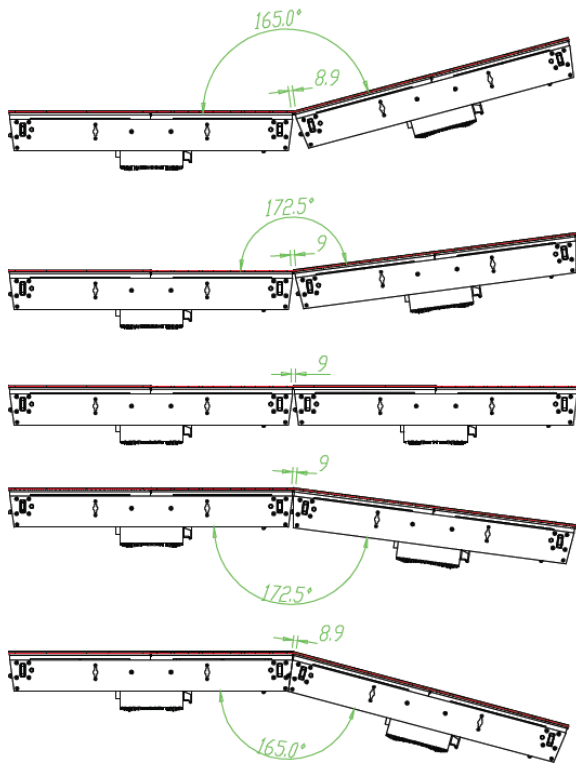**4.17" (106mm)**

3.07" (78mm)

22.67" (576mm)

22.67" (576mm)

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Fixed Curve Rigging Options
(-15°, -7.5°, 0°, 7.5°, 15°)

Removable Power Supply/Module

powerCON TRUE1 and etherCON CAT6 IP65 In/Out Connections

OPTIONAL ACCESSORIES	
ORDER CODE	**ITEM**
EPT423	EPT9IP Video Panel 22.67" x 22.67" (576mm x 576mm)
EZ6172	EZ6 VSC2 1U (19") Rack Space Media Processor
MED002	ZEUS Media Server
MED592	ArKaos Media Master Express
DMX600	DMX-USB Pro
EPT488	Single Panel Rigging Bar
EPT476	Dual Panel Rigging Bar
T B D	Straight LEFT Wedge (For Straight Wall Install Only)
T B D	Straight RIGHT Wedge (For Straight Wall Install Only)
EPT464	Complete Power Supply Module / Door
NEU024	15 ft. (4.57m) Main Power Cable (mains to panel)
NEU012	25 ft. (7.62m) Main Power Cable (mains to panel)
NEU000	50 ft. (15.24m) Main Power Cable (mains to panel)
NEU144	25 ft. (7.62m) Main Data Cable (controller to panel)
NEU132	50 ft. (15.24m) Main Data Cable (controller to panel)
NEU120	100 ft. (30.48m) Main Data Cable (controller to panel)
NEU240	1.14 ft. (0.35m) Data Link Cable (panel to panel)
NEU228	2.95 ft. (0.9m) Data Link Cable (panel to panel)
NEU216	6 ft. (1.82m) Data Link Cable (panel to panel)
NEU108	0.98 ft. (0.3m) Power Link Cable (panel to panel)
NEU096	5.2 ft. (1.6m) Power Link Cable (panel to panel)
NEU084	10 ft. (3.05m) Power Link Cable (panel to panel)

Additional Power and Data Link Cable lengths available.
Contact your dealer for more information.

EZ6 VSC2 Media Processor

- 1U (19") Rack Space
- Inputs: (1) DVI, (1) Audio, (1) USB, (1) Light Sensor
- Outputs: (1) DVI, (4) Ethernet Ports, (4) Fiber Ports
- (2) RS232 Ports (1 In / 1 Out) (includes RS232/USB Converter)
- Single Sending Card Supports:1920 x 1200 and 2048 x 1152
- 100-240vac ~ 50/60hz Auto Switching Power Supply
- Environment Temp: -20°C (-4°F) ~ 75°C (167°F)
- Environment Humidity: 0% ~ 95%

ZEUS Media Server

- 3U (19") Rack Space
- 500GB HDD 16MB Cache
- Interface Output: VGA/DVI/HDMI
- Outputs: (2) VGA, (2) DVI, (2) HDMI
- Layers (Simulteaunous): (3) Full HD 1080p, (5) HD 720p
- DMX Connections: 5-pin 1 Male / 1 Female
- USB Connections: 8 (2x USB 3.0)
- Network Connection: RJ45
- 107-240VAC ~ 50/60hz Auto Switching Power Supply
- Max Power Consumption: 2.4 amps
- Environment Temp: -20°C (-4°F) ~ 75°C (167°F)
- Environment Humidity: 0% ~ 95%