



ETL / UL APPROVED

MONARCH

Lifting & Folding All-in-One LED Display

Stocked & Supported in USA



High Definition

30000:1 Contrast

Wide Color Gamut

Micro LED

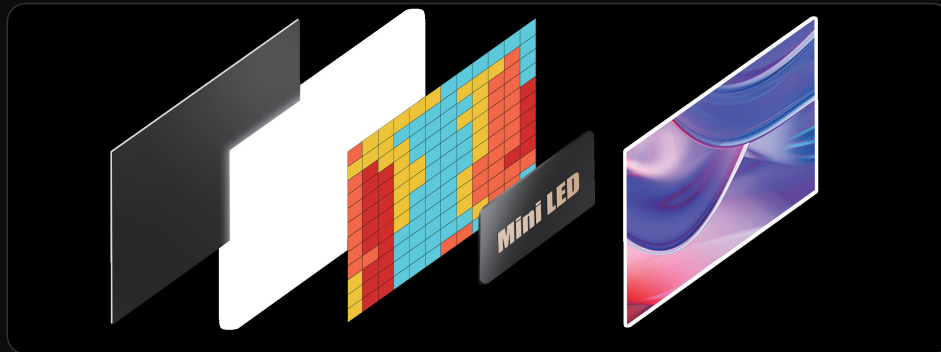
180° Foldable

One power cord. One person. Three minutes.

Roll it in, plug it in, press a button — a flawless 4K LED display, no installation crew required.

LATEST TECHNOLOGY

CooLED COB with Micro / Mini LED chip technology



3840Hz

Refresh rate,
or custom

2000nit+

Peak brightness,
0-2000 adjustable

COB

Chip-on-board
LED technology

DCI-P3

Cinema-grade wide
color gamut

ADVANTAGES

- High contrast ratio 30000:1
- DCI-P3 wide color gamut
- Up to 2000nit brightness
- ETL / UL approved
- Flexible application
- No installation, single power cord
- Ultra-simple installation
- Lifetime maintenance
- 16:9 / custom ratio
- 5 year warranty
- High resolution COB technology

BUILT TO MOVE

- Wheel-mounted — one-person operation
- Lockable wheels, stable in place
- Electric lift, height adjustable
- Foldable — 60% volume reduction
- No installation, 3-minute setup, save labor cost
- Flight case included

FLEXIBLE APPLICATION



Event Rental



Corporate Meeting



Home Entertainment



PRODUCT PARAMETERS

SCREEN SIZE	108"	136"	162"
Screen dimension (W×H)	94.49" × 80.71"	118.11" × 66.44"	141.73" × 79.72"
Overall dimensions with flight case (L×W×H)	51.97" × 30.31" × 61.81"	75.98" × 30.31" × 76.77"	97.24" × 30.31" × 89.76"
Folded overall dimensions (L×W×H)	48.43" × 30.31" × 59.61"	70.87" × 30.31" × 72.83"	97.01" × 30.31" × 87.13"
Unfolded overall dimensions (L×W×H)	94.88" × 81.10" × 87.40"	118.11" × 30.31" × 104.33"	141.73" × 30.31" × 114.69"
Maximum lifting height	10.70"	27.56"	28.94"
Total weight with flight case	900 lbs	1000 lbs	1100 lbs
Foldable angle	180°	180°	180°

PIXEL PITCH	P0.9375 COB	P1.25 COB
Scan mode	45S	45S
Module dimension (mm)	150 × 168.75	300 × 168.75
Cabinet dimension (mm)	600 × 337.5	600 × 337.5
Cabinet resolution (px)	640 × 360	480 × 270
Pixel density (px/m²)	1,137,778	640,000
LED array / type	1R1G1B Mini Chip 3×6 mil	1R1G1B Mini Chip 3×6 mil
Gray level	14 bit	13 bit
Contrast ratio	30000:1	30000:1
Brightness (nits)	600–2000	600–2000
Modules per cabinet	8	4
Cabinet material	Die-cast aluminum	Die-cast aluminum
Viewing angle	H160° V140°	H160° V140°
Avg. power consumption — 136"	450W	360W
Avg. power consumption — 162"	590W	480W
Max. power consumption — 136"	1500W	1200W
Max. power consumption — 162"	1980W	1600W

Refresh rate	3840Hz or custom	Operating temperature	-4°F – 120°F
Lifetime	100,000 hours	Operating humidity	10% – 90%
Operating system	Windows	Receiving card	NovaStar / ColorLight
Certification	ETL, UL, RoHS	Warranty	5 years

Panel specifications apply to all screen sizes.

CONNECTIVITY & SMART FEATURES

One Power Cord. Plug In and Present.

The entire Monarch display runs on a single standard power cord — no external processor rack, no complex wiring. Roll it in, plug it in, and you're presenting in 3 minutes.

INPUTS

- 2× HDMI 2.0 inputs
- USB ports for playback
- Dual Wi-Fi — network + hotspot simultaneously
- Bluetooth 5.1 for keyboards, mice & voice remote

OUTPUTS

- 1× HDMI 2.0 output, up to 4K 3840×2160@60Hz
- Built-in audio with 2× 20W amplifiers
- 1× SPDIF digital + 1× 3.5 mm audio outputs
- 2× Gigabit Ethernet ports (LAN + WAN)

WIRELESS SCREEN MIRRORING

Share content instantly from any device — no cables, no adapters.

9 DEVICES

Mirror up to 9 terminals to the screen simultaneously

4K QUALITY

Wireless mirroring at resolutions up to 3840×2160

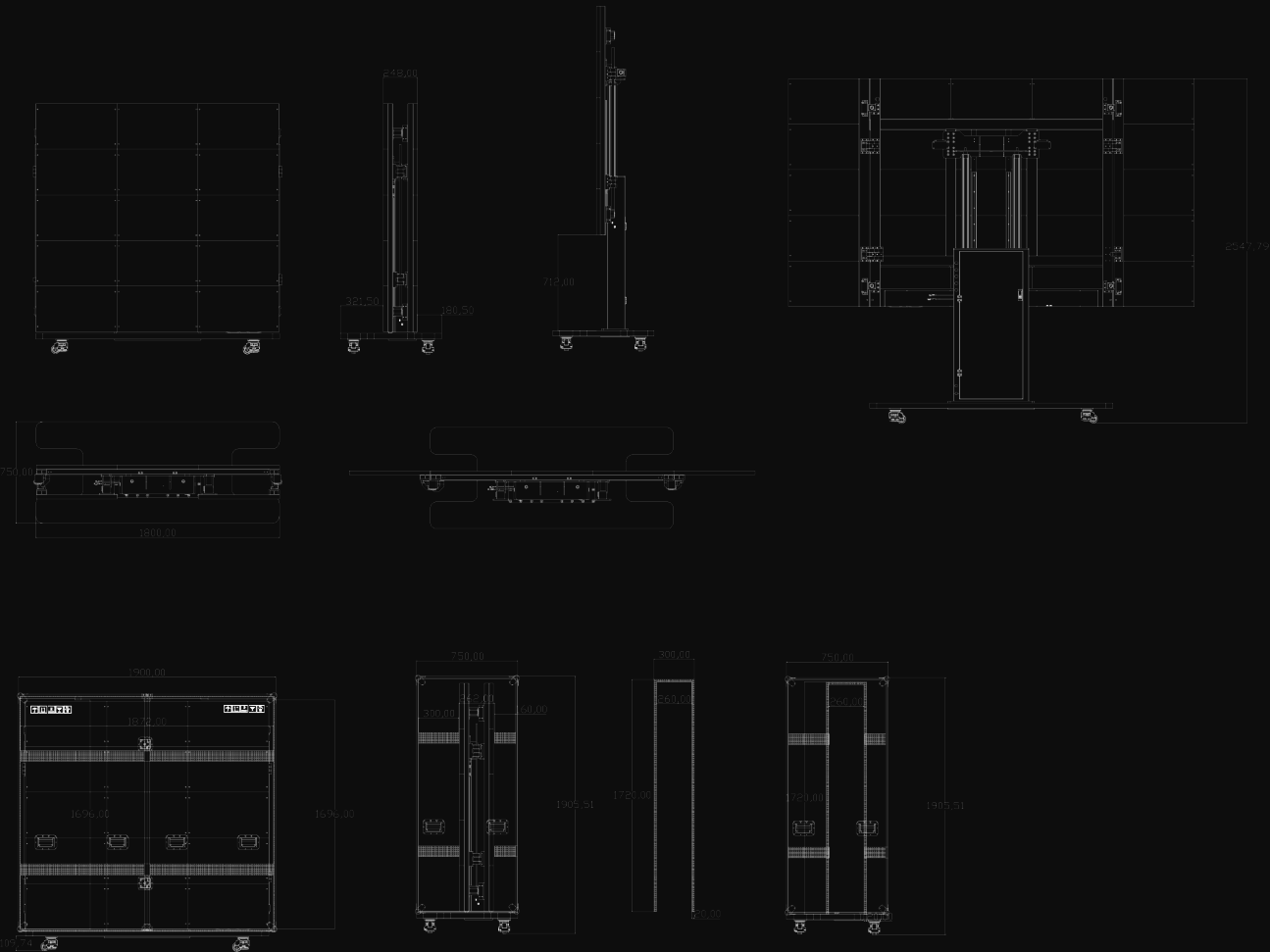
ANY PLATFORM

Windows, macOS, iOS and Android supported

BUILT-IN MEETING PLATFORM

- Android-based display system
- Runs third-party apps — any Android app, including video conferencing apps, runs directly on the display
- Built-in whiteboard — on-screen whiteboard tool for annotation and sketching during meetings
- Split-screen viewing — full, two-way, or four-way split screen for comparing content side by side

IN JUST 3 MINUTES, UNLOCK A FLAWLESS DISPLAY



A	One click expansion
B	One click retrieval
C	Pause
D	Reset



**Black
Remote Control**

Dimensional drawings — flight case included. Remote control: one-click expansion, one-click retrieval, pause, reset.



www.dreamwall.net
713-364-3830
sales@dreamwall.net
Headquarters: 8720 Westpark Dr.
Suite B, Houston TX 77063

