Video Cabinets

By Nook Schoenfeld

It's been two years since *PLSN* presented a Buyers Guide on video cabinets.

Since then, just about every company has updated their product line with new and unique products. Whether they are higher resolution, curved models or waterproof tiles, they are all being engineered for faster assembly, lighter weight and higher quality. Take a look at the latest products from these leaders in the business.

Absen M-Series

Pixel Pitch: 2.9
Pixels per Display: 28224
LED Source: Multicolor
Viewable Angle: 140° H/120° V
NITs: 1000
Max Power Usage: 110 W per panel
IP Rating: IP40/IP21
Tile Size: 19.7 x 19.7 x 3.78"
Weight: 16.8 lbs.
Certification: CE FCC ETL UL
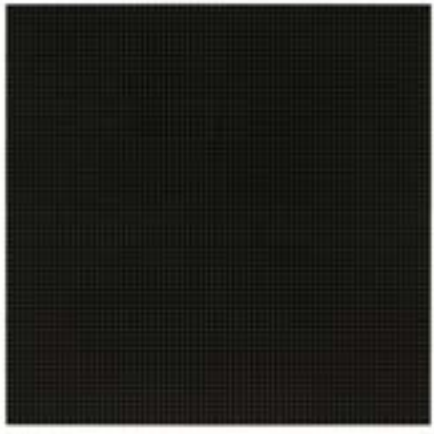**Notes:** Comes in 3 pixel pitches: 2.3, 2.9 and 3.4mm versions.

usaabsen.com

CreateLED AirTV

Pixel Pitch: 1.25
Pixels per Display: 320 x 360
LED Source: SMD
Viewable Angle: 160° H, 140° V
NITs: 5000-6000
Max Power Usage: max 140W
IP Rating: IP30
Tile Size: 17.7 x 15.7 x 3.7"
Weight: 51 lbs.
Certification: CE, EMC, Class A, ETL EoHS
Notes: Ultra light with an ultra fine pixel pitch (.09-1.6)
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createled.com

Daktronics PSTx-1802

Pixel Pitch: 8mm SMD
Pixels per Display: 18,225 per panel
LED Source: Nichia/Daktronics
Viewable Angle: 160°
NITs: 7,000
Max Power Usage: 667W/Panel
IP Rating: IP66
Tile Size: 43.2 x 43.2" (3 x 3 modules)
Weight: 118 lbs. per panel (98 lb/m2)
Certification: CE, ETL, FCC, CB
Notes: Also available in 10mm SMD & 15mm SMD. Video panels combine quickly to form a large screen wall.

daktronics.com

ADJ AV3

Pixel Pitch: 3.91mm
Pixels per Display: 128x128
LED Source: 3-in-1 SMD2121 LED
Viewable Angle: 140°
NITs: 1000 NITS
Max Power Usage: 170W per panel
IP Rating: No
Tile Size: 19.75 x 19.75 x 4"
Weight: 20 lbs.
Certification: ETL
Notes: None

adj.com

Aoto Gtek Innopix

Pixel Pitch: 5.9
Pixels per Display: 7056
LED Source: SMD 1R1G1B
Viewable Angle: 120°
NITs: 5500nits
Max Power Usage: 185W
IP Rating: 65
Tile Size: 19.69 x 19.69"
Weight: 24.8 lbs.
Certification: CE; ETL
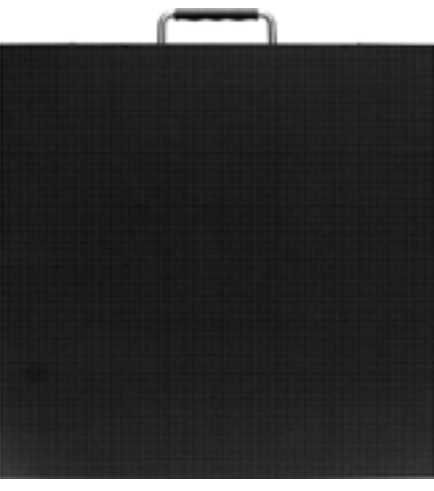**Notes:** Outdoor flexible; concave and convex 45°; no PCB curving.

gtek.aoto.com

Dicolor Phantom Panel

Pixel Pitch: 3.91 mm
Pixels per Display: 32768
LED Source: SMD 3.91mm LED Blackface
Viewable Angle: 140°
NITs: 1,000 NITS
Max Power Usage: 195W
IP Rating: Front Panel: 40; Back Panel: 21
Tile Size: 19.7 x 39.4"
Weight: 25.4 lbs.
Certification: ETL
Notes: Double locking pin; one push release; front-serviceable.

megasystemsinc.com/dicolor

Elation EHVD Series

Pixel Pitch: 2.6, 3.9 and 5.9mm
Pixels per Display: 176x176/128x128/84x84
LED Source: SMD 2121 RGB LEDs (SMD 1515 for EVHD 2.6)
Viewable Angle: 140° H, 120° V
NITs: 1,200 Nits
Max Power Usage: 165W, 125W, 120W
IP Rating: IP20
Tile Size: 19.7 x 19.7"
Weight: 19.8, 18.7, 18.7 lbs.
Certification: CE cETLus
Notes: Front serviceable; lockable curve adjustments.

elationlighting.com

Barco R10

Pixel Pitch: 10.83
Pixels per Display: 24 x 36
LED Source: Barco proprietary
Viewable Angle: 160°
NITs: 5000
Max Power Usage: 600W
IP Rating: IP65
Tile Size: 10.24 x 15.35"
Weight: <12 lbs.
Certification: CE, UL, FCC, RoHs, Reach
Notes: Flexible, lightweight, ultra-thin LED technology; smooth/quick installation for fast setup time and reduced cost.

barco.com

Blizzard Lighting IRiS R3

Pixel Pitch: 2.9mm
Pixels per Display: 128 x 128
LED Source: Blackface SMD 2121
Viewable Angle: 150° H/130° V
NITs: 1200
Max Power Usage: 150W
IP Rating: IP40 front, IP21 rear
Tile Size: 19.69 x 19.69 x 3.74"
Weight: 16.5 lbs.
Certification: cETLus, FCC CE, RoHS
Notes: N/A

blizzardlighting.com

Gloshine Technology V2.84

Pixel Pitch: 2.84mm
Pixels per Display: 30976
LED Source: SMD2020 Black
Viewable Angle: 160°
NITs: 1200 nits
Max Power Usage: 140W
IP Rating: IP30
Tile Size: 19.69 x 19.69 x 3.46"
Weight: 21 lbs.
Certification: CE FCC UL RoHS
Notes: Precise and durable design,quick installation,great viewing angle.V2.84 HD Led wall

gloshine.com

InfiLED Wave Screen X Series

Pixel Pitch: 3.9mm
Pixels per Display: 128 x 128
LED Source: SMD2121
Viewable Angle: 140°
NITs: 1,200-1,700
Max Power Usage: 120W
IP Rating: IP30 (indoor version)
Tile Size: 19.69 x19.69 x 3.31"
Weight: 19.62 lbs.
Certification: ETL CE EMC LVD RoHS
Notes: Flexible, ultra-thin, super-light, full black LED.

infiled.com

Chauvet Professional F3

Pixel Pitch: 3.9mm
Pixels per Display: 65,536
LED Source: tri-color SMD 2121
Viewable Angle: 140°
NITs: 1,200
Max Power Usage: 263 W
IP Rating: 31
Tile Size: 19.69 x 3.5 x 39.37"
Weight: 28.6 lbs.
Certification: CE, MET
Notes: Works with the VIP Drive 43Nova, using the Novastar control protocol. Magnetic connection/positioning pins.

chauvetprofessional.com

Christie Velvet Apex Series

Pixel Pitch: 1.2 mm
Pixels per Display: 120 x 90 pixels
LED Source: NA
Viewable Angle: 160° H, 140° V
NITs: 1000
Max Power Usage: 95W typical 183W maximum
IP Rating: 30
Tile Size: 24.19 x 13.61 x 3.7"
Weight: 19.84 lbs.
Certification: UL60950, FCC, CE, EMC, RoHS, RC2
Notes: NA

christiedigital.com

LianTronics VL1.2

Pixel Pitch: 1.2mm
Pixels per Display: 512x288
LED Source: SMD0808
Viewable Angle: 160°
NITs: 800
Max Power Usage: 780W/m2
IP Rating: IP30
Tile Size: 29 x 35"
Weight: 17.3 lbs.
Certification: CE, RoHS, TUV-CE, FCC
Notes: VL1.6; VL1.9; VL2.5

liantronics.com

Martin VDO Face 5 HB

Pixel Pitch: 5.2mm
Pixels per Display: 10368
LED Source: SMD RGB, black housing, white reflector
Viewable Angle: 160° x 140°
NITs: 5000
Max Power: 191W/panel, 679W/m2
IP Rating: IP65, NEMA 4
Tile Size: Width: 19.7 x 22.2" (WxH)
Weight: 23.2 lbs.
Certification: UL 60950-1 US EMC: FCC Title 15, Subpart B, Class A, ANSI C63.4
Notes: Driven by P3 system controller; consistent pixel-to-pixel calibration

martin.com

MR LED Spider Series

Pixel Pitch: 2.84; 3.91; 4.81; 6.25mm
Pixels per Display: 176x176; 128x128; 104x104; 80x80
LED Source: SMD RGB Black face
Viewable Angle: 140°
NITs: 1000nit (P2.84; P3.91); 5000nit (P4.81); 5500nit (P6.25)
Max Power Usage: 490W/m2 (P2.84/P3.91); 560W/m2 (P4.81); 700W/m2 (P6.25)
IP Ratings: IP31 (P2.84/P3.91); IP67/IP54 (P4.81/P6.25)
Tile Size: 19.7 x 19.7"
Weight: 19.8 lbs. (P2.84/P3.91); 21 lbs. (P4.81/P6.25)
Certification: ETL
Notes: Designed for indoor and outdoor applications w/ IP67 module connection.

mrled.cn

Oracle LED Links RR 2.9

Pixel Pitch: 2.9mm
Pixels per Display: 168 x 168
LED Source: 3 in 1 SMD Blackface
Viewable Angle: 140°
NITs: 1200nits
Max Power Usage: 750W
IP Rating: IP30
Tile Size: 19.6 x 19.6 x 3.7"
Weight: 22 lbs.
Certification: NA
Notes: The Links system comes in four sizes. Tool-less quick link system. Touring frames/carts available for quick deployment.

oracleledsystems.com

PixelFLEX FLEXStorm 6.67 fs

Pixel Pitch: 6.6mm
Pixels per Display: 144 x 144
LED Source: SMD 3030
Viewable Angle: 140°
NITs: 4500-5000
Max Power Usage: 900W
IP Rating: IP 65
Tile Size: 37.9 x 37.9 x 4.13"
Weight: 66 lbs.
Certification: CE
Notes: Comes in multiple size configurations and various pixel pitch models

pixelflexled.com

Reel Video Systems LED Frames

Pixel Pitch: 12mm
Pixels per Display: 6400
LED Source: 3 in 1 SMD Blackface
Viewable Angle: 120°
NITs: 1200-6500
Max Power Usage: 450W
IP Rating: IP67
Tile Size: 39 x 3 x 1.5"
Weight: 60 lbs.
Certification: UL listed
Notes: The only source of roll up video screens anywhere in the world. Any ratio, including custom ones.

reelvideosystems.com

ROE Creative Display CB3

Pixel Pitch: 3.75mm
Pixels per Display: 160 x 320
LED Source: Black SMD 3-in-1
Viewable Angle: 140°
NITs: 1200 nits
Max Power Usage: 430W
IP Rating: IP43
Tile Size: 23.6 x 47.2 x 2.8"
Weight: 29.1 lbs.
Certification: NA
Notes: Slim, ultra-lightweight with intelligent modules, magnetic couplers, fast locks and new touring frame.

roevisual.com

Vanguard Rhodium 2.85

Pixel Pitch: 2.85mm
Pixels per Display: 120 x 500 pixel
LED Source: SMD2121 Black
Viewable Angle: 160° H, 140° V
NITs: 800
Max Power Usage: 200W
IP Rating: IP31
Tile Size: 25.2 x 14.7"
Weight: 17 lbs.
Certification: NA
Notes: Cabinet displays native 16:9 aspect ratio with no need to manipulate the image. Series is available in P2.85, P3.3, P4, P5 P6.68 indoor pitches

vanguardleddisplays.com

Viss AX 2

Pixel Pitch: 2mm
Pixels per Display: 168 x 168
LED Source: 3 in 1 SMD
Viewable Angle: 140° H, 110° V
NITs: 1200
Max Power Usage: 100W average
IP Rating: IP40
Tile Size: 19.7 x 19.7 x 4.5"
Weight: 20 lbs.
Certification: CE, FCC, ETL
Notes: The AX Series is available in 2 or 3mm pixel pitches. Engineered all-aluminum frame.

vissdisplay.com

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