



## Ultra-Slim LED Video Wall Displays

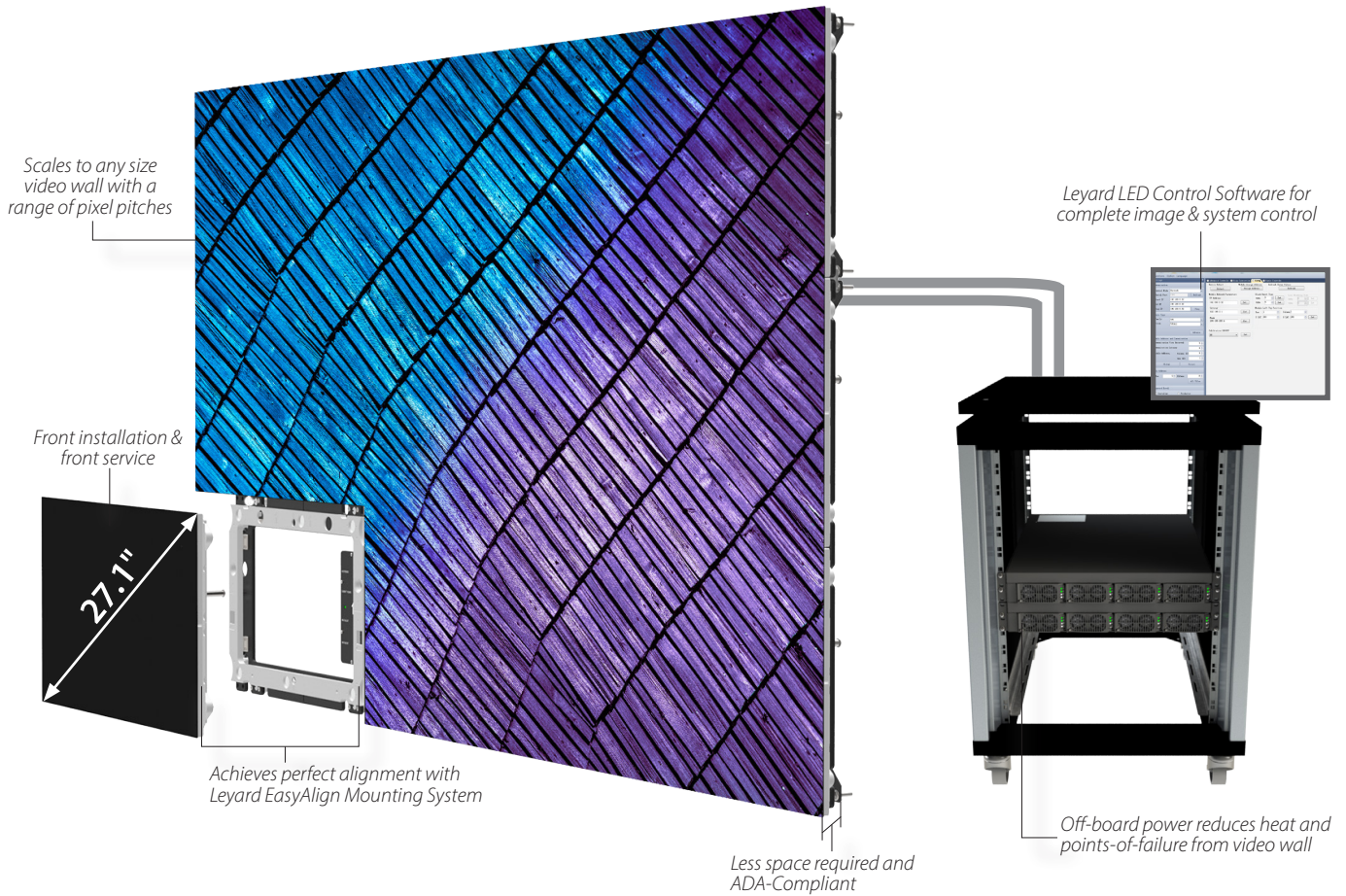
The next-generation Leyard® DirectLight® LED Video Wall System is a family of seamless, ultra-fine pitch direct view LED video wall displays from the worldwide leader in fine pitch LED video walls. Available in 0.9, 1.2, 1.5 and 1.8 millimeter pixel pitches, the Leyard DirectLight features a next-generation design that delivers a premier LED video wall solution.

Leyard DirectLight displays are designed to mount to the wall and come standard with an innovative, adjustable mounting system and full front service access. The displays are optimized for minimum depth and feature a remote rack mount power supply that reduces heat, noise and complexity at the wall, while offering fast hot swap replacement and optional redundancy. The combination of fine pitch and 16:9 form factor means every Leyard DirectLight display is designed to hit Full HD, 4K and 8K resolutions exactly, while accommodating a wide range of installation types.

# Engineered for Performance

Engineered by LED video wall experts, the Leyard DirectLight' next-generation design addresses the challenges and unique benefits of fine pitch LED. The architecture uniquely addresses mounting, alignment, space constraints, reliability, fault-tolerance, fast service, power efficiency, scalability and long life, resulting in superior visual performance and value to the customer.

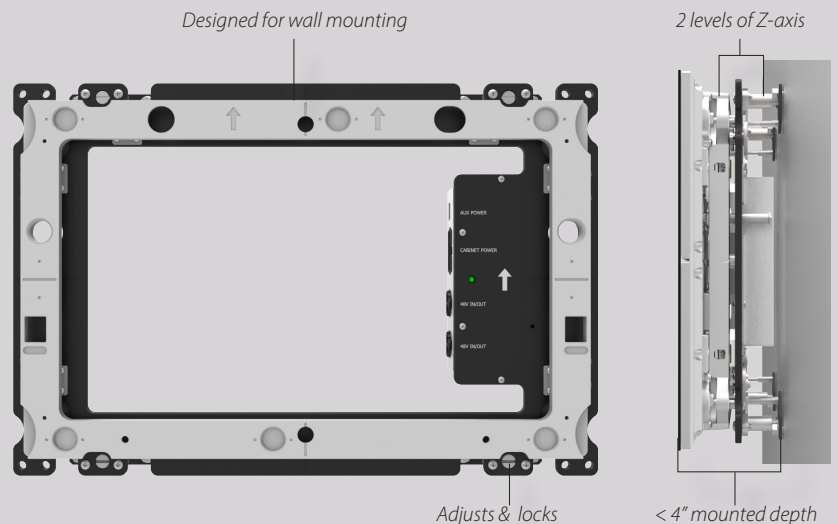
Leyard DirectLight LED video walls include Leyard DirectLight LED displays, Leyard® EasyAlign™ Mounting System, DirectLight® Remote Power Supply (RPS), Leyard® LED Control Software, programmable command set, as well as cabling for video, power and control.



## Leyard EasyAlign Mounting for Precision Alignment, Easy Front Service

With the Leyard EasyAlign Mounting System, Leyard DirectLight LED video walls occupy less than 4" of depth from the wall, making it exceedingly thin and compliant with the Americans with Disability Act (ADA).

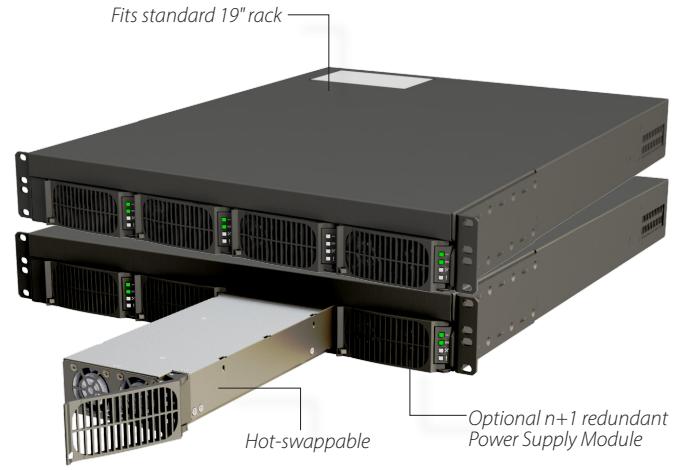
Unique 6-axis alignment features ensure the video wall is perfectly aligned and seamless. The mount enables front service access to not only the LED display, but to all components and cabling in the video wall. Positive locking features ensure the video wall never shifts and enables safe installations with forward tilt (up to 10°) while enabling 90° corner installations and faceted curved video walls – all with the Leyard EasyAlign Mounting System.



# Efficient and Reliable Remote Power

Leyard DirectLight includes Leyard's most advanced remote power supply, the DirectLight® Remote Power Supply (RPS). The DirectLight RPS fits in a standard 19" rack and takes heat, depth, noise, weight, service points and electrical outlets away from the video wall and into a convenient, well-ventilated rack room. It features n+1 redundant, hot swap power modules and is available with 110V and 220V power. With the 220V power module, even greater power density per rack unit and efficient circuit use is provided.

The DirectLight RPS features a low power standby mode for video walls not operating 24x7 and offers features for control and monitoring.



# Installation Flexibility by Design

Leyard DirectLight delivers greater display adaptability to bring a wider range of cutting-edge and innovative installations to life. With its flexible design, Leyard DirectLight mounting capability unlocks designs beyond traditional, flat video wall installations.

Leyard DirectLight uses the same mounting components for flat, wall-mounted installations, as well as applications that require seamless curved, 90° corner wraps or a forward-tilted video wall.

Leyard DirectLight is well-suited for:

- **90° Corner Wrap** - supported with only 15mm gap
- **10° Forward Tilt** - often for tall installations
- **Curve** - delivers seamless faceted curved video walls

# High Resolution

Leyard DirectLight displays feature a 16:9 aspect ratio and precise pitch values that ensure every model achieves exact Full HD, 4K or 8K resolutions. Leyard DirectLight displays can also be configured in any video wall configuration to meet the widest range of application requirements.

Models	1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	7 x 7	8 x 8	9 x 9	10 x 10	11 x 11	12 x 12
DL2-0.9	640 x 360	1280 x 720	1920 x 1080	2560 x 1440	3200 x 1800	3840 x 2160	4480 x 2520	5120 x 2880	5760 x 3240	6400 x 3600	7040 x 3960	7680 x 4320
DL2-1.2	480 x 270	960 x 540	1440 x 810	1920 x 1080	2400 x 1350	2880 x 1620	3360 x 1890	3840 x 2160	4320 x 2430	4800 x 2700	5280 x 2970	5760 x 3240
DL2-1.5	384 x 216	768 x 432	1152 x 648	1536 x 864	1920 x 1080	2304 x 1296	2688 x 1512	3072 x 1728	3456 x 1944	3840 x 2160	4224 x 2376	4608 x 2592
DL2-1.8	320 x 180	640 x 360	960 x 540	1280 x 720	1600 x 900	1920 x 1080	2240 x 1260	2560 x 1440	2880 x 1620	3200 x 1800	3520 x 1980	3840 x 2160

Video Wall Size												
Feet	2 x 1.1ft	3.9 x 2.2ft	5.9 x 3.3ft	7.9 x 4.4ft	9.8 x 5.5ft	11.8 x 6.6ft	13.8 x 7.7ft	15.7 x 8.9ft	17.7 x 10ft	19.7 x 11.1ft	21.6 x 12.2ft	23.6 x 13.3ft
Meters	0.6 x 0.34m	1.2 x 0.67m	1.8 x 1.0m	2.4 x 1.6m	3 x 1.6m	3.6 x 2.0m	4.2 x 2.3m	4.8 x 2.7m	5.4 x 3.0m	6 x 3.3m	6.6 x 3.7m	7.2 x 4.0m

**Full HD** 1920 x 1080

**4K** 3840 x 2160

**8K** 7680 x 4320



## LEYARD DIRECTLIGHT SPECIFICATIONS

Product Name	DL2-0.9	DL2-1.2	DL2-1.5	DL2-1.8
Pixel Pitch	0.9375mm	1.25mm	1.5625mm	1.875mm
Display Resolution	640 x 360	480 x 270	384 x 216	320 x 180
Pixel Density (pixels)	1,137,777 / sq m 105,700 / sq ft	640,000 / sq m 59,450 / sq ft	409,600 / sq m 38,050 / sq ft	284,444 / sq m 26,422 / sq ft
LED type	Commercial grade 3-in-1 Black SMD			
LED surround	Black Solder Mask		Leyard® MicroGrid Shader™	
Brightness Max (cd/sq. m)	> 800			
Color Gamut	100% NTSC			
Contrast Ratio	> 6,000:1			
LED Refresh Rate	1920 Hz	3000Hz	3000Hz	3000Hz
Color Temperature, adjustable (k)	3,200 - 9,300			
Brightness Uniformity	>=97%			
Color Uniformity	>=97%			
Viewing Angle, Horizontal	160°			
Viewing Angle, Vertical	140°			
LED Lifetime: Typical	100,000 hrs			
Display Size (W x H x D)	600 x 337.5 x 95mm   23.62 x 13.28 x 3.74in			
Mounted Depth	< 4", ADA Compliant			
Display Weight (kg / display)	6.6 kg   14.5 lb			
Mount Weight per Display (kg / display)	3.2 kg   7 lb			
Power Consumption, Max. (watts)	150 watts / Display   741 watts / sq m			
Power Consumption, Typ (watts)	50 watts / Display   247 watts / sq m			
Acoustic Noise	Fanless Operation			
Operating Temperature/Humidity <small>(degrees F/C) 10-80% relative humidity, non-condensing</small>	-10° to 40° C   -14° to 104° F			
Regulatory Compliance	NRTL, FCC Class A, CE Class A, WEEE, EN60950 and CISPR 22/2010			

### VIDEO INPUT

Video Inputs	2x HDMI in, 2x HDMI out
HDCP Compliant	Yes
Video Input Resolution Maximum	1920 x 1080 @ 60Hz
Frame Rate	50, 60Hz
Video Signal Extension Options	CAT6 and Fiber Optic
Video Signal Redundancy	Optional
Video Extension Redundancy	Optional
Display Control	DirectLight Control Software included
Control Input Type	RS232 or Ethernet

### MECHANICAL

Wall Mount	Leyard EasyAlign Mounting System included
Installation and Service Access	Front
Display Position Adjustment	6-axis adjustment in Leyard EasyAlign mount
Americans with Disability Act (ADA) Compliance	Yes, less than 4" clearance from wall
Corner Installation	90° corner, 15 mm seam
Forward Tilt	up to 10°
Concave Curve	up to 30° facets

### REMOTE POWER SUPPLY

Model	RPS110	RPS220
Type	1RU rack mount; 19" rack	1.5RU rack mount; 19" rack
Line Voltage	100-240 Volts AC autoranging	200-240 Volts AC autoranging
Power Output	1200W per output	
Power Supply Configurations	1, 2 or 3 outputs	2, 4 or 6 outputs
Redundancy	n + 1 redundant option	
Hot Swap	Supported for each power supply module	
Low Power Standby Mode	<3W in standby mode	
Power Status	Diagnostic LEDs per power supply module	
Maximum Distance from Wall	200 feet standard, 500 feet maximum	

Visit [www.Leyard.com](http://www.Leyard.com) for full list of product specifications.

# LEYARD

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