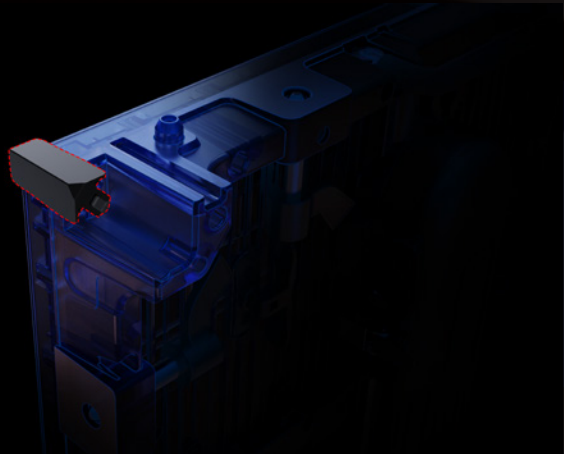
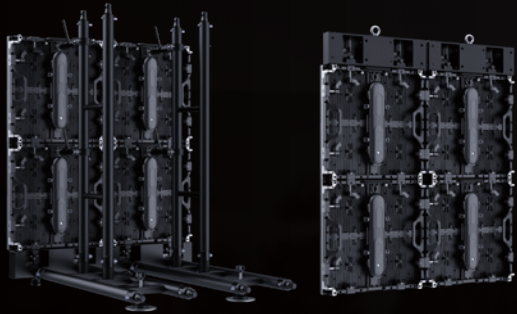


Extraordinary Structural Design



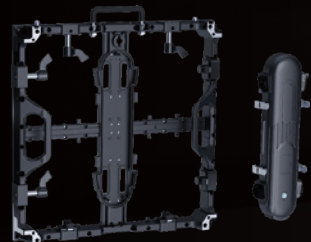
Comprehensive Edge Protection

Each corner of the DL series is equipped with carefully designed reinforced protective devices, effectively preventing damage caused by collisions during transportation and installation, ensuring the robustness and durability of the product.



Diversified Installation

The DL series supports both stacking and hanging installation. In the VP/XR virtual production studio, in addition to the stacking wall-screen application, the DL series can also be equipped with suspension rings and connection plates to be used as a ceiling screen.



Rapid Assembly and Disassembly

Breaking away from traditional tool-based design with an integrated locking configuration. It adopts a vacuum front maintenance tool and supports front and rear maintenance of the power box.



Intelligent Module Calibration

Each module of the DL series can independently store and calibrate parameters, enhancing maintenance efficiency through modular management. It ensures that the display accuracy and consistency can be quickly restored after individual updates or replacements.



Front and Rear Maintenance

DL series supports both front and rear maintenance, making it suitable for various installation environments and meeting the needs of applications with limited space or no rear maintenance access.

Specifications

| | | | | |
|--------------------------|--------------------------------------------------------------------|-----------------|-----------------|-----------------|
| Model | DL1.9 | DL2.3 | DL2.6 | |
| Pixel Pitch | 1.95 mm | 2.31 mm | 2.604 mm | |
| LED Type | SMD | | | |
| Pixel Density | 262,144 dots/m² | 186,624 dots/m² | 147,456 dots/m² | |
| Pixel Configuration | 1R 1G 1B | | | |
| Cabinet Size | W:500 mm, H:500 mm, Depth:76 mm | | | |
| Cabinet Resolution | 256(W) x 256(H) | 216(W) x 216(H) | | 192(W) x 192(H) |
| Cabinet Weight | 7.2 kg | | | |
| Cabinet Material & Color | Die-cast Aluminium, Black | | | |
| Brightness | ≥2,000 nits | ≥1,500 nits | | |
| Viewing Angle | H:160°± 10° ; V:160°± 10° | | | |
| Scan Rate | 1/8 | 1/9 | 1/8 | 1/16 |
| Refresh Rate | 7,680 Hz | | | |
| Contrast Ratio | 18,000:1 | 9,000:1 | | |
| Input Voltage | AC100V to AC240V, 50 or 60 Hz | | | |
| Max Power | 125 W; 500 W/m² | 150 W; 600 W/m² | 160 W; 640 W/m² | |
| Average Power | 50 W; 200 W/m² | 60 W; 240 W/m² | 60 W; 240 W/m² | |
| IP Rating | Indoor | | | |
| Maintenance | Front & Rear | | | |
| Lifespan | 100,000 Hours | | | |
| Operating Environment | Temperature: -10°C – 40°C / Humidity: 10% – 80% RH No Condensation | | | |

*The specifications are for reference, actual parameter may vary based on the special model or contract.

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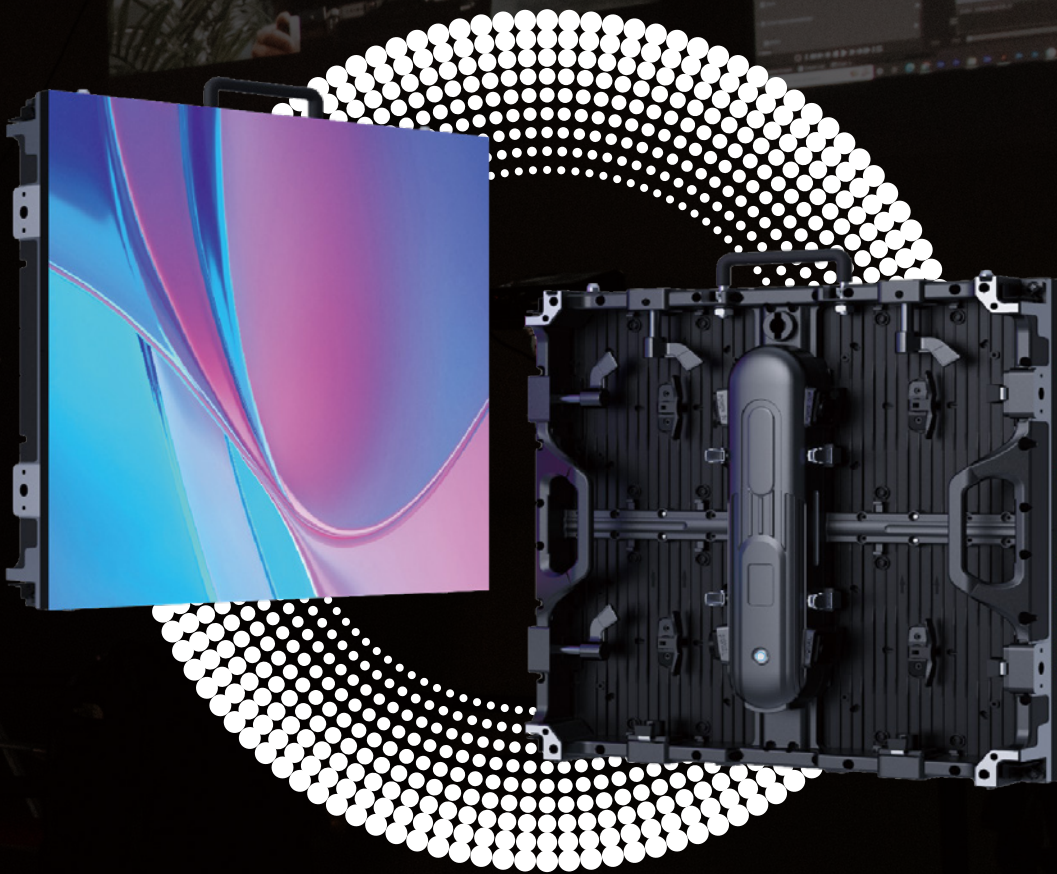
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DL Series

Ideal Choice for Virtual Production



Full View Angle



High Frame Rate

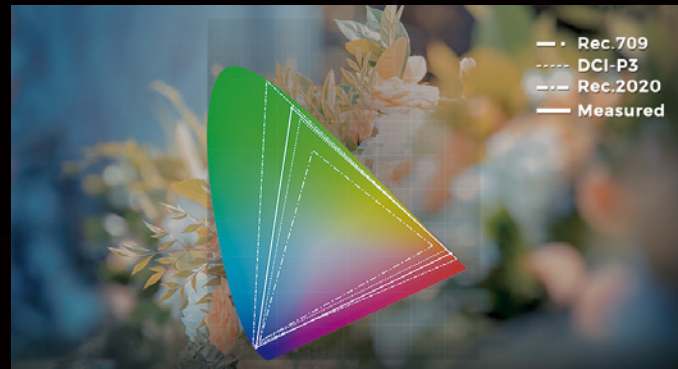


High Refresh



Low Scan

| Impeccable Display



Wide Color Gamut and Color Reproduction

The DL series offers exceptional color reproduction and wide color gamut coverage. Utilizing advanced color management technology, it accurately renders complex color information across both high and low-brightness areas. This ensures true-to-life color accuracy and consistency in every frame, meeting the precision requirements of professional film production.



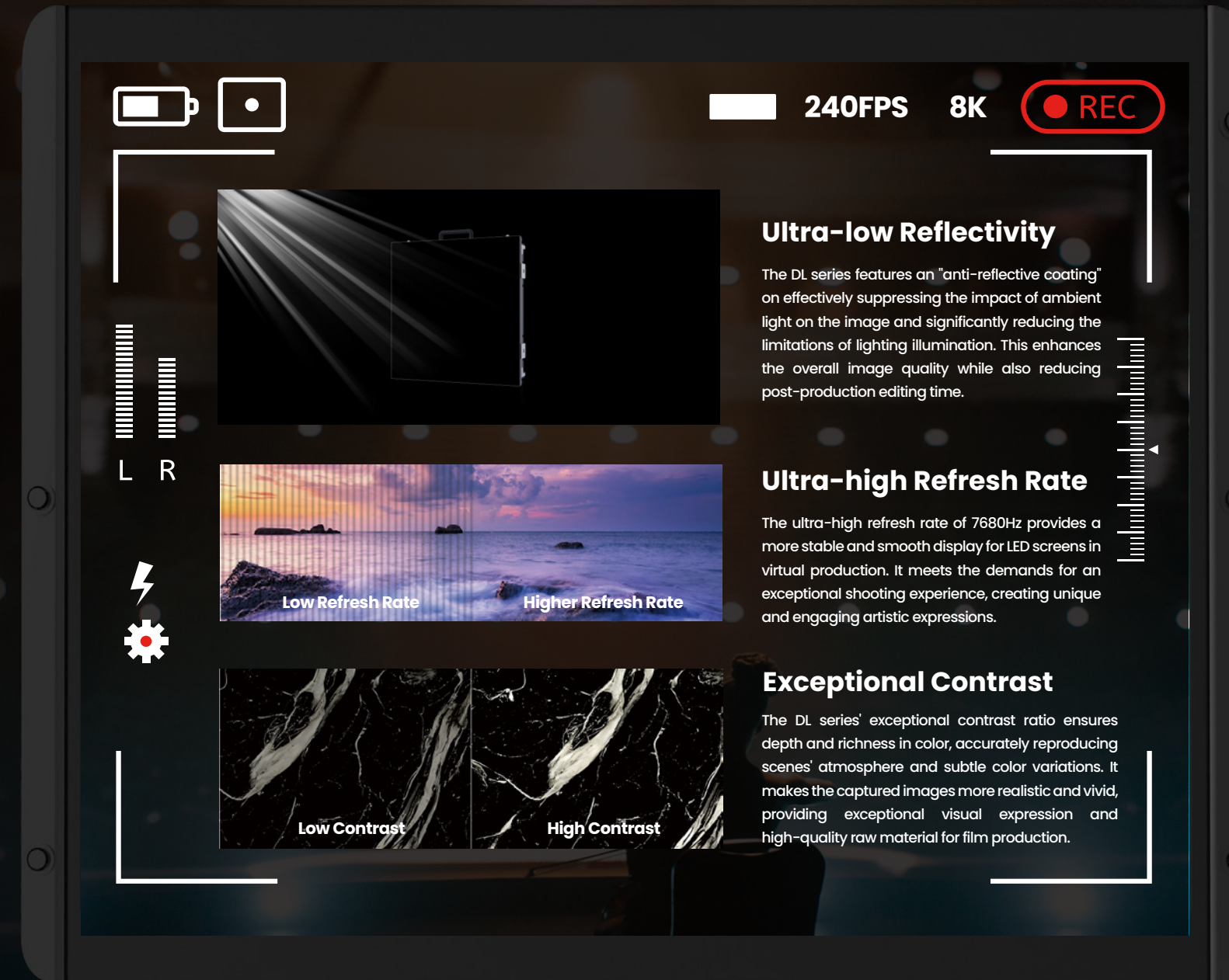
1/8 Low Scan

With scanning rates as low as 1/8, the shutter quickly captures every pixel emitting light and reduces the interference of scanning lines on the screen display, thus presenting a more vivid and realistic picture.



240Hz High Frame Rate

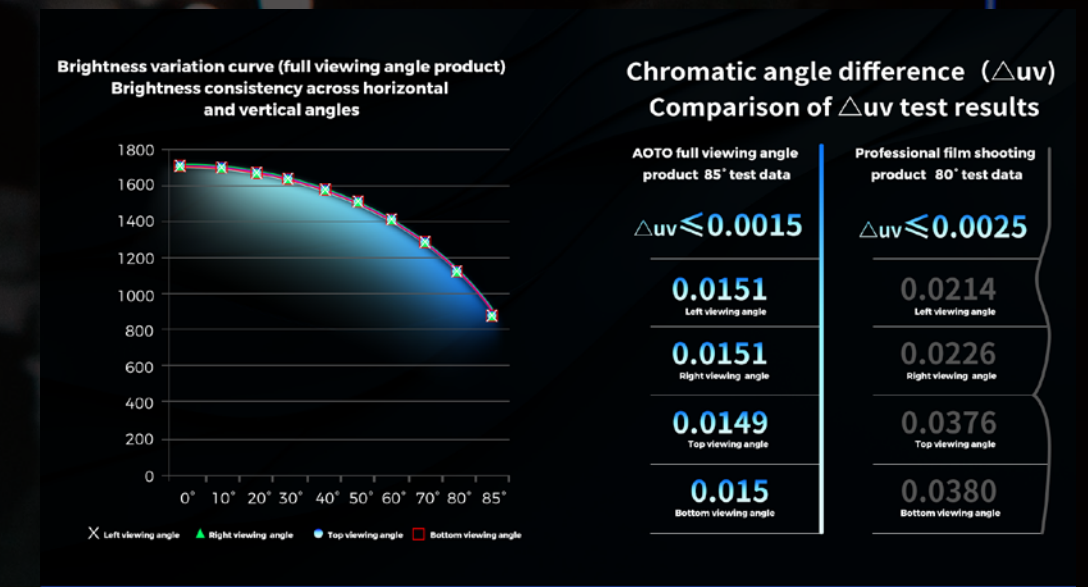
The DL series supports a maximum frame rate of 240Hz, allowing for better slow-motion effects in film production. This ensures smoothness and clarity in action scenes, reduces blur and stutter, and provides high-quality footage for frame rate conversion during post-production.



Exceptional Filming

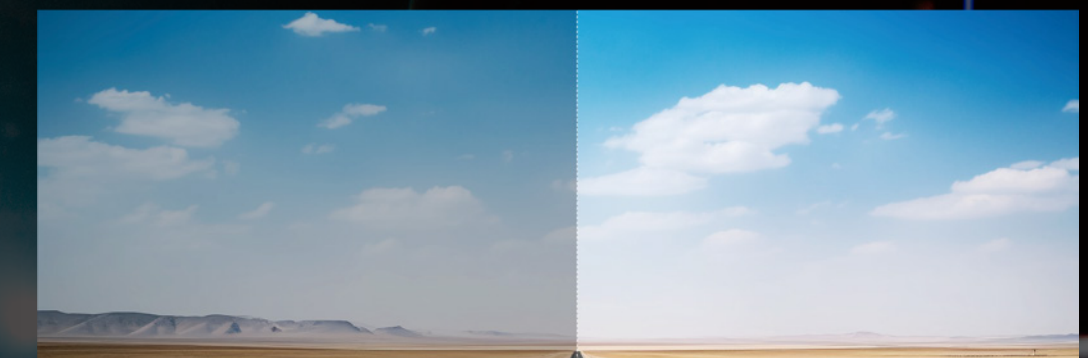
www.aoto.com

Ultimate Visual Impact



Full-view Technology

AOTO's proprietary full-view technology ensures consistent visual effects from any shooting angle, achieving a 360° comprehensive display with no blind spots. Whether shooting from a low angle for facade screen applications or wide-angle shots in a horizontal setup, it maintains uniform brightness and color accuracy, completely eliminating color shift issues common in wide-angle filming. This provides greater flexibility and creative freedom for film production.



High Brightness

The DL series' exceptional high-brightness performance ensures clear and vivid display quality under various lighting conditions. It delivers sharp image colors and realistic high-brightness backgrounds even in intense ambient light. The outstanding brightness enhances visual impact, faithfully recreating scenes in "bright daylight or pitch-black night," offering perfect visibility and detailed presentation across all scenarios.