

newline
DV ELEMENT
Outdoor LED
Display Solution



newline DV ELEMENT Outdoor LED Display Solution Owner's Manual

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newline DV ELEMENT Outdoor LED Display Solution



Specifications:

- Pixel Pitch: 6.67
- LED Type: SMD

- Pixel Density: 8
- Module Size: 18.9 x 12.6 in (480 x 320 mm)
- Cabinet Dimensions: 38 in. x 38 in. (960 x 960 mm)
- Cabinet Resolution (W X H): 144 X 144
- Cabinet Weight: 61.7 lbs. (28 kg)
- Brightness: 650 cd/m²
- Viewing Angle: 96° x 96°
- Refresh Rate: 3,840 Hz
- Contrast Ratio: 9,000:1
- Color Processing: 16 bit
- Scanning Mode: 1/6S, 1/4S
- AC Working Voltage: AC100V to AC240V, 50/60Hz
- Max Power (W/cabinet): 500 W
- Average Power (W/cabinet): 150 W
- Max Power (W/m²): 650 W/m²
- Average Power (W/m²): 650 W/m²
- IP Rating: IP66

Product Usage Instructions

Installation:

1. Select a suitable outdoor location for installation.
2. Ensure the display is securely mounted on a stable structure.
3. Connect the power supply according to the specified voltage range.
4. Test the display to ensure proper functionality before finalizing the installation.

Maintenance:

To maintain the optimal performance of the Outdoor LED Display:

- Regularly clean the display surface with a soft cloth and mild detergent.
- Check for any loose connections or damaged modules and replace if necessary.
- Monitor the brightness levels and adjust as needed to prevent overuse.

Usage Precautions:

- Avoid exposing the display to extreme weather conditions to prolong its lifespan.
- Do not tamper with the electrical components without professional assistance.
- Avoid impact or pressure on the display to prevent damage.

FEATURE



Outdoor LED
Display



Ultra Bright
Display



Weather
Protected



Lightweight
Modular Design



Energy
Saving



Fast Installation
and Maintenance

NEWLINE'S FIRST OUTDOOR LED SOLUTION

Introducing the DV Element, Newline's first LED solution for outdoor use. Designed to withstand a variety of weather conditions while delivering exceptional visual performance, the DV Element is the pinnacle of outdoor signage technology. Engineered with high-quality LED modules that offers up to 8,500 nits of customized brightness, the DV Element ensures brilliant illumination and vibrant colors, even in direct sunlight, making it perfect for outdoor advertising, sports arenas, and large-scale events. Its rugged construction and IP66- rated protection guarantees durability and reliability, allowing it to thrive in various environments. The DV Element features an energy-saving driver chip that reduces power consumption by nearly 40% and its modular cabinet design makes installation fast and easy. With advanced control and monitoring systems, the DV Element offers seamless integration and management, enabling effortless content updates and maintenance. Whether used for dynamic advertising or live event broadcasting, the DV Element outdoor LED solution sets a new standard for outdoor visual communication.

SPECIFICATION

Newline DV Element Outdoor LED Solution Specifications			
Pixel Pitch	6.67	8	10
LED Type	SMD		
Pixel Density	22,500 dots/m ²	15,625 dots/m ²	10,000 dots/m ²
Module Size	18.9 x 12.6 in (480 x 320 mm)		
Cabinet Dimensions	38 in. x 38 in. (960 x 960 mm)		
Cabinet Resolution (W X H)	144 X 144	120 x 120	96 X 96
Cabinet Weight	61.7 lbs. (28 kg)		
Cabinet Material & Color	Profile Aluminum		
Brightness	Up to 8500 nits		
Viewing Angle	H:140°; V:140°		
Refresh Rate	3,840 Hz		
Contrast Ratio	9,000:1		
Color Processing	16 bit		
Scanning Mode	1/6S	1/4S	1/2S
AC Working Voltage	AC100V to AC240V, 50/60Hz		
Max Power (W/cabinet)	500 W		
Average Power (W/cabinet)	150 W		
Max Power (W/m ²)	650	650	600
Average Power (W/m ²)	178		
IP Rating	IP66		
Operating Temperature	0°F – 150°F (-20°C – 65°C)		
Operating Humidity	10 – 90% RH		
Lifetime	100,000 H		

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FAQ


Q: What is the IP rating of the Outdoor LED Display?

A: The Outdoor LED Display has an IP66 rating, indicating it is dust-tight and protected against powerful jets of water.

Q: What is the recommended maintenance schedule for this display?

A: It is recommended to clean the display surface monthly and perform a thorough inspection every six months for any issues.

Documents / Resources

	<p>newline DV ELEMENT Outdoor LED Display Solution [pdf] Owner's Manual</p> <p>Newline-DV-Element, DV ELEMENT Outdoor LED Display Solution, DV ELEMENT, Outdoor LED Display Solution, LED Display Solution, Display Solution, Solution</p>
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References

- [User Manual](#)

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