newline
DV ELEMENT

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 over 6000 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 IP65-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 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.

DV ELEMENT

Newline DV Element Outdoor LED Solution Specifications									
Pixel Pitch (mm)	**1.95**	**2.604**	**2.97**	**3.91**	**4.44**	**5.7**	**6.67**	**8**	**10**
LED Type	SMD								
Module Size (inches) (W x H)	9.8 x 9.8				18.89 x 12.59				
Module Size (mm) (W x H)	250 x 250				480 x 320				
Resolution (W x H)	128 x 128	96 x 96	84 x 84	64 x 64	108 x 72	84 x 56	72 x 48	60 x 40	48 x 32
Module Bottom Case	Die-cast aluminum								
Cabinet Size (inches) (W x H)	19.68 x 39.37				37.79 x 37.79				
Cabinet Size (mm) (W x H)	500 x 1000				960 x 960				
Cabinet resolution	256 x 512	192 x 384	168 x 336	128 x 256	216 x 216	168 x 168	144 x 144	120 x 120	96 x 96
Cabinet Material	Aluminum profile								
Pixel Density (Dots/m²)	262144	147456	112896	65536	50635	30625	22500	15625	10000
Module Weight	1.1 lbs (0.5 kg)				5.5 lbs (2.5 kg)				
Cabinet Weight	35.28 lbs (16 kg)				55.1 lbs (25 kg)				
Cabinet Flatness (mm)	≤0.1								
Brightness (nits)	5000				≥6000				
Color Temp (K)	2000~12000 (Adjustable)								
Viewing Angle (H/V)	140°/120°								
Emitting Point Center Distance Deviation	<3%								
Brightness Uniformity	≥98%								
Color Uniformity	Within ±0.0035 Cx, Cy								
Contrast Ratio	5000:01				10,000:1				
Max. Power Consumption (W/m²)	≤500				≤650				
Avg. Power Consumption (W/m²)	≤168		≤218		≤220				
Working Voltage (V)	AC100~240 (50~60Hz)								
Drive Mode	Constant current drive								
Frame Rate (Hz)	50/60								
Refresh Rate (Hz)	3840-7680								
Gray Scale (bit)	14								
Operation Temp	-4~+122 °F (-20~+50 °C)								
Operation Humidity (RH)	10%~90%, no condensation								
Lifetime (H)	100,000								
Maintenance Mode	Rear								
IP Level	IP65								