

NSO MAX Series

Outdoor LED Panel

Ultra-High Refresh Rate for Smooth Visuals

Experience crystal-clear visuals with ultra-high refresh rates up to 7680Hz—delivering fluid motion, fine detail, and immersive clarity for premium applications.

7680Hz



Ultra-Slim Design, Built for Efficiency

Designed with a 960×960mm aluminum cabinet, the display is thinner and lighter—making installation quicker and more efficient.



Front & Rear Maintenance Supported

Flexible access from both front and back sides for easier installation and service—perfect for various environments.

Bright and Vivid Even Under Strong Light

With up to 10,000 nits of brightness and high contrast, your content stays vivid and sharp—even under direct sunlight.

High Brightness

10,000nits



Contrast Ratio

8,000:1



Greener Displays for a Smarter Future

Eco-conscious design with low energy consumption—better for your business and the planet.

(P5.71mm)

Power Consumption Max.

500W/m²

Power Consumption Avg.

170W/m²

(P6.67mm)

Power Consumption Max.

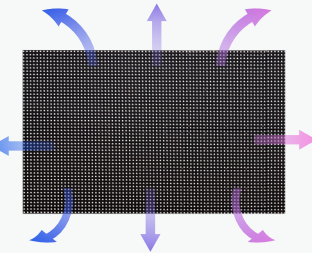
450W/m²

Power Consumption Avg.

150W/m²

Stay Cool, Run Longer

With thermal gel inside the module for superior heat dispersion—ensuring only a 5°C difference between front and back, delivering long-lasting stability.



Durable Hard Connection Design

Hard connection between modules and power supply ensures enhanced reliability and durability.



SPECIFICATIONS

Model	D99-5P7VD	D99-6P6VD
Pixel Pitch(mm)	P5.71	P6.67
Resolution	168*168	144*144
Panel Dimensions(W × H) (mm)	960x960	960x960
Module Size(W × H) (mm)	480x320	480x320
IP Rate	IP65	IP65
Brightness(nits)	10,000	10,000
Contrast Ratio	8,000:1	8,000:1
Colour Temperature(K)	3,000 ~ 9,300(adjustable)	3,000 ~ 9,300(adjustable)
Refresh Rate(Hz)	3840/7680	3840/7680
Frame Frequency(Hz)	60	60
Viewing Angle(H./V.)	140°/120°	140°/120°
Average Power Consumption(W/m ²)	170	150
Peak Power Consumption(W/m ²)	500	450
Working Voltage	AC: 100~240V, 50/60Hz	AC: 100~240V, 50/60Hz
Lifetime(Hours)	100,000	100,000
Operating Temp(°C)	-20 ~ 50	-20 ~ 50
Humidity Range(%RH)	10 ~ 90	10 ~ 90
Cabinet Weight (kg)	27	27