

DP-N153CY

Indoor P1.538 Fine-Pitch LED Display



Description

The DP-N153CY is an indoor fine-pitch LED display designed to deliver sharp, detailed, and smooth visual performance. Featuring a 1.538 mm pixel pitch, it provides fine image details and a seamless viewing experience at close distances. With a high refresh rate and precise brightness and color control, it ensures vivid and consistent image quality, making it suitable for professional indoor displays, meeting spaces, control rooms, and commercial applications.

Features

- **Fine-Pitch Display:** Delivers sharp and detailed visuals for close-range viewing.
- **Smooth Visual Performance:** High refresh rate ensures smooth and stable image playback.
- **Wide Viewing Angle:** Provides a clear and consistent viewing experience from different positions.
- **Brightness and Color Correction:** Helps maintain uniform brightness and vivid, consistent colors.
- **Versatile Indoor Applications:** Suitable for meeting rooms, control rooms, commercial spaces, and other professional display environments.

Specifications

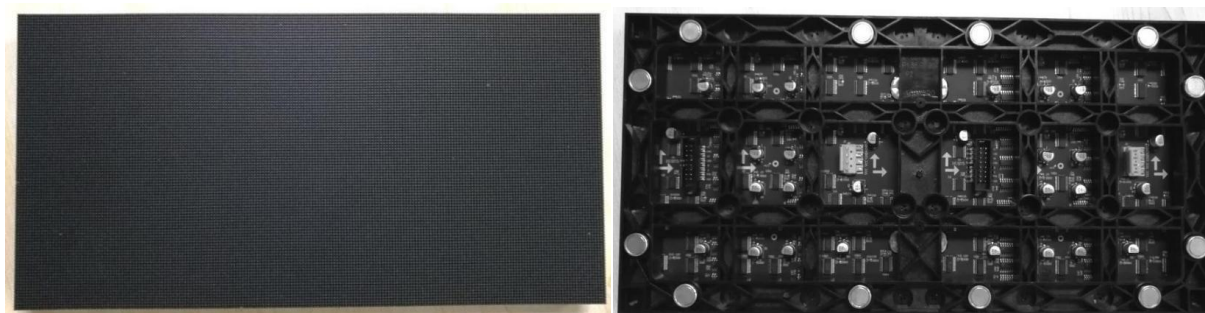
LED specifications (for reference only; specifications may vary by shipment batch) (T-25°C)

Model	DP-N153CC					
LED SMD1010	Color	IF (mA) TEST	Rd (nm) Typ	Iv (mcd) Typ	Vf (V) Typ	View Angle (deg.)
	Red	8	620	22	2.0	110
	Green	5	525	38	3.0	110
	Blue	3	470	5	3.0	110
Pixel Pitch	1.538mm					
Pixel Density	422500 dots/m ²					

Module Resolution	208 dots (W)×104 dots (H)
Module Dimensions	320mm (W)×160mm (H)
Module Weight	Approximately 400g
Drive Method	16-bit constant current drive (PWM)
Scan Mode	1/52
Operating Voltage	DC5V±10%
Maximum Current	5.6A (typical) ①
Maximum Power Consumption	28W (typical) ②
Power Interface	VH4
Signal Interface	HUE75E (IDC320)
Maximum Brightness	≥600cd/m ²
Color Temperature	1000–20000K
Viewing Angle	170°
Optimal Viewing Distance	≥1.5m
Gray Scale	14 bit
Brightness and Color Correction	Support
Refresh Rate	≥3840Hz③
Operating Environment	Indoor
Brightness Adjustment Range	Adjustable from 0~255
Typical Lifespan	100,000 hours
Operating Temperature	-20℃~60℃
Operating Humidity	10%-90%RH, non-condensing
Storage Temperature	-40℃~80℃

Note: ①② The values are for reference only and depend on the brightness of the LEDs. ③ The refresh rate of 3840Hz is achieved using a PWM drive chip.

Module Diagram



The images shown above are for reference only; actual product appearance and color may vary.

Note: Our company will continuously upgrade and improve existing products. Specifications are subject to change without prior notice. Our company reserves the right to interpret the specifications, models, and technical parameters of this product.