

P3.91 Indoor LED Display

Versatile indoor LED performance for impactful visual installations

The VPLEX P3.91 Indoor LED Display is a dependable solution for larger-format professional environments. It combines strong visual performance, installation flexibility, and practical front and rear service access for corporate, museum, event, retail, and education spaces.





3.91 mm
Pixel Pitch



3-in-1 SMD
LED Technology



High-refresh
PWM control
Driver IC



3840 Hz
Refresh Rate



Front & Rear
Service

TECHNICAL SPECIFICATIONS

Installation Environment	Indoor fixed installation
LED Technology	3-in-1 SMD
LED Lamp Package	SMD2121
Preferred LED Lamp Brand	Professional-grade SMD
Driver IC	High-refresh PWM driver
Pixel Pitch	3.91 mm
Module Size	250 × 250 mm
Module Resolution	64 × 64 pixels
Pixel Density	65,536 pixels/m²
Scan Mode	1/16 scan
Brightness	1200 nits adjustable
Viewing Angle	160° / 160°
Refresh Rate	≥3840 Hz
Grayscale	≥14 bit

Contrast Ratio	≥5000:1
Colour Temperature	3200-9300 K adjustable, 6500 K default
Maintenance Access	Front and rear service
Cabinet Material	Die-cast aluminium
Maximum Power Consumption	450 W/m²
Typical Power Consumption	150 W/m²
AC Input	100-240 V AC, 50/60 Hz
Ingress Protection	IP30 minimum
Operating Temperature	-10°C to +45°C
Operating Humidity	10-80% RH, non-condensing
LED Lifetime	≥100,000 hours typical
Control System	Professional LED platform

