

P2.5 Indoor LED Display

High-clarity indoor performance for professional fixed installations

The VPLEX P2.5 Indoor LED Display is a dependable fixed-installation solution engineered for vibrant image quality, reliable operation, and straightforward maintenance. It is well suited to corporate, museum, control room, retail, and education environments.



2.5 mm
Pixel Pitch



3-in-1 SMD
LED Technology



High-refresh
PWM control
Driver IC



3840 Hz
Refresh Rate



Full Front
Service

TECHNICAL SPECIFICATIONS

Installation Environment	Indoor fixed installation
LED Technology	3-in-1 SMD
LED Lamp Package	SMD1515
Preferred LED Lamp Brand	Professional-grade SMD
Driver IC	High-refresh PWM driver
Pixel Pitch	2.5 mm
Module Size	320 × 160 mm
Module Resolution	128 × 64 pixels
Pixel Density	160,000 pixels/m ²
Scan Mode	1/32 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	Full front service
Cabinet Material	Die-cast aluminium
Maximum Power Consumption	450 W/m ²
Typical Power Consumption	150 W/m ²
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



Applications: Corporate • Museums • Control Rooms • Retail • Education