

P1.53 Indoor GOB LED Display

Fine-pitch visual performance with enhanced surface protection for professional indoor installations

The VPLEX P1.53 Indoor GOB LED Display is engineered for high-resolution indoor environments where image clarity, durability, and reliability are critical. GOB protection provides added resilience for corporate, museum, control room, retail, and education applications.



1.53 mm
Pixel Pitch



GOB Surface
Protection



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 with GOB protection
LED Lamp Package	SMD1212
Preferred LED Lamp Brand	Professional-grade SMD
Driver IC	High-refresh PWM driver
Pixel Pitch	1.53 mm
Module Size	320 × 160 mm
Module Resolution	208 × 104 pixels
Pixel Density	422,500 pixels/m²
Scan Mode	1/52 scan
Brightness	800 nits adjustable
Viewing Angle	160° / 160°
Refresh Rate	≥3840 Hz
Grayscale	14-16 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/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



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