VISTECH

Vistech Technology



Defender Pro Series

Outdoor COB Panel

Outdoor | Fine Pixel-Pitch | COB

Outdoor Full Flip-Chip COB Panel

Outdoor full flip-chip, common-cathode COB technology delivers high contrast, a wide color gamut, and high grayscale performance for superior image quality.

- Wide Color Gamut: **DCI-P3**
- High Grayscale: **22 bit+**
- High Contrast Ratio: **20,000:1**

Fine Pixel-Pitch Outdoor Display for Ultra-Clear Visuals

Available in P1.2, P1.5, and P1.8 pixel pitches for sharper images and finer details for an exceptional outdoor viewing experience.

P1.2
P1.5
P1.8



Hard Connections, Superior Flatness

- Hard module connections ensure stability.
- Fully die-cast cabinets deliver superior flatness.



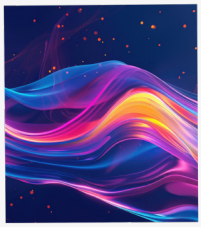


IP65 Protection for Superior Weather Resistance



8:9 Aspect Ratio, Easy to Achieve 16:9

Two 8:9 cabinets combine to create a standard 16:9 display, ensuring compatibility with mainstream video sources.



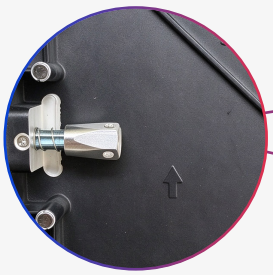


Full Front Maintenance

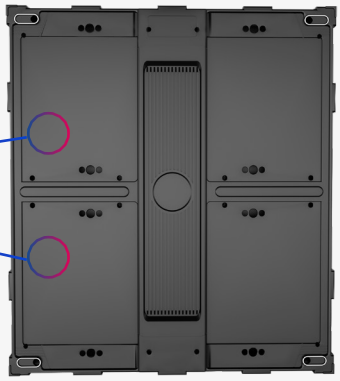
Modules, HUB boards, and power supplies are all accessible from the front, ideal for wall-mounted installations.







Inside



Quick-Lock Assembly for Easy Installation

Quick-lock design and plug-in aviation connectors make installation and removal fast and easy.

SPECIFICATIONS

Model	DC45-1P2VA	DC45-1P5VA	DC45-1P8VA
Pixel Pitch(mm)	P1.25	P1.5	P1.875
Panel Dimensions(W × H × D) (mm)	480 x 540 x 63.5		
Resolution	384 x 432	320 x 360	256 x 288
Panel Technology	COB		
Brightness(nits)	4000		
Contrast Ratio	20,000:1		
Color Temperature(K)	3000-10000(Adjustable)		
Viewing Angle(H./V.)	170°/170°		
Frame Frequency(Hz)	60		
Refresh Rate(Hz)	3840/7680		
Average Power Consumption(W/m²)	AC:100~240V, 50/60Hz		
Peak Power Consumption(W/m²)	≤790	≤790	≤790
Working Voltage	≤265	≤265	≤265
Lifetime(Hours)	100000		
Operating Temp(°C)	-20 ~ 50		
Humidity Range(%RH)	10 ~ 90		
Cabinet Weight (kg)	9.9		