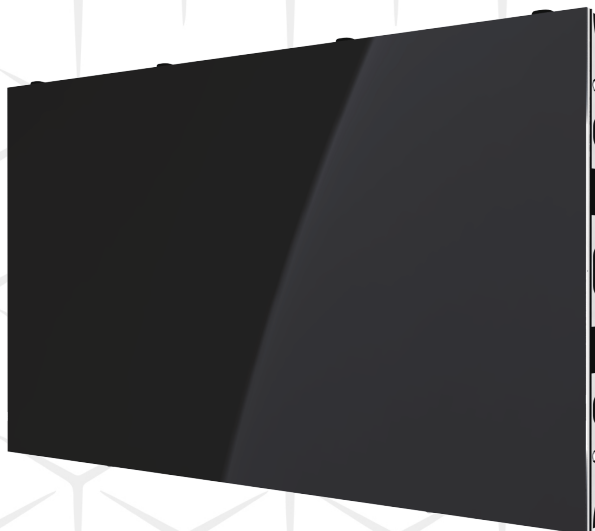




VBD-P

All Flip-chip

Higher Stability and Reliability
Higher pixel density
Higher Contrast Ratio
Excellent Thermal Management
Wider View angle without Color Shift
Lower Heat Generation



Anti-stress and anti-collision, high stability, real world tested

- › COB + Ebony technology, double protection, double secure.
- › Moisture-proof and dust-proof, anti-corrosion and anti-static.
- › longer lifetime, virtually maintenance free.

Super Slim, Super Lightweight

- › Panel depth is ultra slim at 38.5mm.
- › Weight of 5 kg/ panel.

Unlimited possibilities Unlimited vision

- › Easily configured into 1080P/2K/ 4K/ 8K resolution without size limitations.
- › Intelligent assembly.



No space display, UHD display Stunning visual experience

- › Wider view angle, 170° horizontally and vertically.
- › Pixel-by-pixel calibration technology guarantee higher color fidelity and uniformity.

Multi-functional, suitable for various applications

- › Power and data redundancy.
- › Equipped with intelligent handle.
- › Wall-mounted or hanging. Compatible with all-in-one and advertising machine. Simple and neat inter-cabinet wiring.

Energy efficient Efficient heat dissipation

- › Heat conductive cabinet.
- › Panel to cabinet heat dissipation fanless design.
- › Power consumption is reduced by 20% under the same brightness condition.



VBD-P1.2 FLIP-CHIP COB LED DISPLAY SPECIFICATION

COMPONENTS	ITEM	SPECIFICATION
Pixel	Physical Pixel Pitch	1.25 mm
	LED per pixel	Flip-chip RGB LED (Common Cathode)
	LED Chip Size	5 x 10mil
	Resolution	640,000 pixels/m ²
Module	Module Dimension(W×H)	300mm x 337.5mm
	Module Graphic Definition	240 x 270 pixels
Cabinet	Cabinet Dimension(W x H x D)	600mm × 337.5mm × 38.5mm
	Cabinet Graphic Definition	480 × 270 pixels
	Cabinet Material	Die-Casting panel
	Single Cabinet Weight	4.8 KG
	Weight per m ²	Around 24 KG
LED Display	Control system	ChromaLED 4K
	Constant Color Range	281 trillion colors
	Refresh Rate	3,840Hz
	Best View Distancing	>1m
	Vertical Viewing Angle	>170°
	Horizontal Viewing Angle	>170°
	Brightness	3500 nits
	Contrast ratio	4,000:1
	Brightness Adjustment	Manual, 256 level; Auto, 8 levels
	Screen Power Consumption	Average: 38 -63w/panel; Max:126w/panel
	Grey Scale	65,536 Shades Per Color
	Processing	16bit
	LEDs Lifetime	up to 100,000 Hours
	Input Voltage	AC110V/230V/380V ±10%
	Input Power Frequency	50/60Hz
	Frame Rate	> 60 frames/sec
	Defect Rate	≤0.0002
	Data Transfer Method	RJ45
	Humidity	0-90%RH
	MTBF	> 50,000 hours
	Colour Temperature	6500K±500
	Temperature Checkup	16 Sensors/Module (to avoid over-heating and constantly preserve your investment)
	Control Method	Synchronized with computer monitor or other input system
	Colour	each pixel, there are 65,536 level gray for red, green and blue representatively, 281 trillion colors in total
	Support Mode	VGA, 1,280*1,024 display synchronically with the computer, correspondence dot to dot
	Control Distance	100 m (no repeating); Optical fiber transmission: 100m- 20km
	Systems Operating Platform	WINDOWS(WIN2000, WINXP), with a friendly UI, and interfaces for secondary development.

