

Specifications

Item	PV16A	PV16B	PV20A	PV20B
Visual Resolution	16mm	16mm	20mm	20mm
Physical Resolution	16mm	8mm	20mm	10mm
LED Configuration	1R1G1B	2R1G1B	1R1G1B	2R1G1B
Pixel Density/cabinet	3600/(60×60)	3600/(60×60)	2304/(48×48)	2304/(48×48)
Pixel Density/ m²	3906	3906	2500	2500
Brightness	Before Calibration	≥6500cd/ m²	≥6500cd/ m²	≥6500cd/ m²
	After Calibration	≥5500cd/ m²	≥5500cd/ m²	≥5500cd/ m²
Horizontal Viewing Angle	≥140°	≥140°	≥140°	≥140°
Vertical Viewing Angle	≥60°	≥60°	≥60°	≥60°
Color Processing	16 bit	16 bit	16 bit	16 bit
Grayscale Processing	10 bit	10 bit	10 bit	110 bit
Contrast Ratio	6000:1	6000:1	6000:1	6000:1
Color	280 Trillion Colors	280 Trillion Colors	280 Trillion Colors	280 Trillion Colors
Color Temperature Adjustable	3200K ~ 9300K	3200K ~ 9300K	3200K ~ 9300K	3200K ~ 9300K
Frame Rate	≥60Hz	≥60Hz	≥60Hz	≥60Hz
Refresh Rate	3840Hz	3840Hz	7680Hz	7680Hz
Lifetime Full White	50,000h	50,000h	50,000h	50,000h
	Half Brightness	100,000h	100,000h	100,000h
Power Consumption Max	724W/Cabinet	737W/Cabinet	580W/Cabinet	599W/Cabinet
	785W/ m²	800W/ m²	630W/ m²	650W/ m²
Average	277W/Cabinet	295W/Cabinet	258W/Cabinet	267W/Cabinet
	300W/ m²	320W/ m²	280W/ m²	290W/ m²
Operating Temperature	-20° ~ 40°	-20° ~ 40°	-20° ~ 40°	-20° ~ 40°
Storage Temperature	-30° ~ 50°	-30° ~ 50°	-30° ~ 50°	-30° ~ 50°
Operating Humidity	10% ~ 99% RH	10% ~ 99% RH	10% ~ 99% RH	10% ~ 99% RH
Storage Humidity	10% ~ 99% RH	10% ~ 99% RH	10% ~ 99% RH	10% ~ 99% RH
Power Supply	85 ~ 264V	85 ~ 264V	85 ~ 264V	85 ~ 264V
Protection Level (Front/Rear)	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54
Weight/Cabinet excluding structure	45.5kg/Cabinet	45.5kg/Cabinet	45.5kg/Cabinet	45.5kg/Cabinet
Cabinet Dimension Width	960mm	960mm	960mm	960mm
Height	960mm	960mm	960mm	960mm
Thickness	180mm	180mm	180mm	180mm



Beijing Headquarters
Add: No.9 Zhenghongqi West Street, Haidian District Beijing, China
Tel: +86-10-62877884 / 62888888 Fax: +86-10-62877624
E-mail: overseas@leyard.com Http://www.leyard.com

Shenzhen Factory (Overseas Sales Center)
Add: 4th Building, JiaAnDa Industrial Park, DaLang Division, Bao'an, Shenzhen, China
Tel: +86-755-29671180 / 29013715 Fax: +86-755-29671239



Perimeter

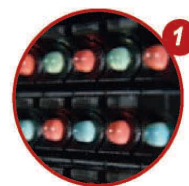
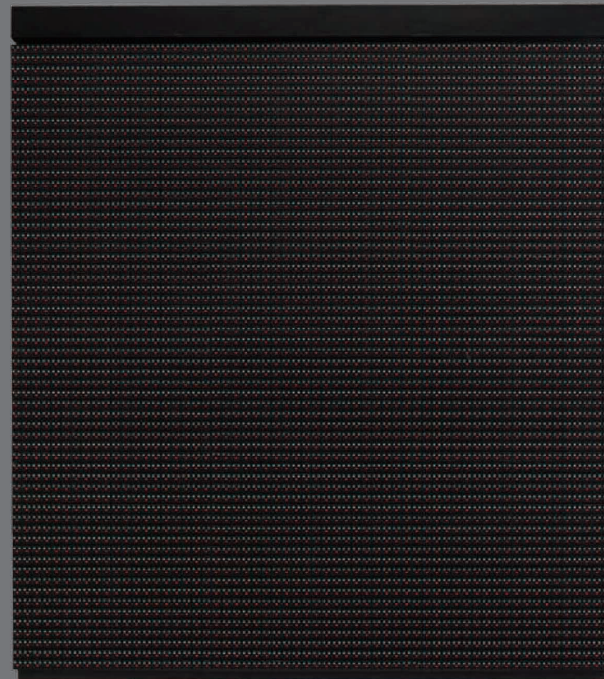
Outdoor Full-colour
LED Display Solutions



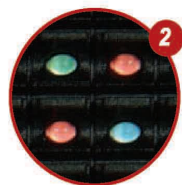
PRESENTING A BRIGHT & SPLENDID WORLD

Excellent Image Quality

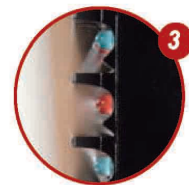
First-class structure and system reliability



1 Each LED lamp is embedded in a sunken Center and has its own louver. This reduces the reflection rate and maximizes the contrast ratio, thus improving the black levels.



2 Leyard's Outdoor series are available in type A and type B, A means true color (1R1G1B) and B means virtual color (2R1G1B0 or pixel sharing). Our pixel sharing technology makes the visual resolution four times as the physical resolution which greatly improves the quality of the video image and enhances the resolution of the entire display.



3 Unique horizontal and vertical louver design can blur joints between the shaders, thus eliminating the mosaic phenomenon caused by the joints of the shaders. Soft mask for protection.

- True Pixel and virtual pixel (optional)
- Easy to install
- Excellent Display flatness
- With the embedded supporting stand, the panel can be adjusted from 75° to 90° standing on the ground
- Possibility to exchange components during the match.
- Emergency escape possibility.
- IP 65 front and IP 54 back

- Each LED pixel has its own brightness and chroma value. Our calibration technology can adjust the brightness and chroma for every LED lamp. Moreover, every panel has an independent intelligent module, which can record the running time, LED brightness as well as chroma value simultaneously so that after calibration, the entire LED display can keep even brightness and constant chroma level during the whole running life.
- Our 16 bit color processing and super high refresh rate (3840Hz to 7680Hz) provide stunning flicker-free broadcast quality video images.
- Adjustable constant current source ensures minimum grayscale loss, resulting in optimal pictures under any kinds of brightness environment whether daytime or nighttime.
- We adopt LED lamps from leading suppliers such as Nichia, Cree to ensure the quality of our LED screen.



Hidden power/signal cables under the top cover makes clean appearance.