Planar PCI Series

Indoor Fine Pitch LED Display

Higher Refresh Rate · Higher Grayscale · Ultra Wide Color Gamut

High-strength Aluminum Cabinet

PCI series cabinet adopts a skeleton and lightweight structural design featuring with simplified structure, seamless splicing and internal hidden wiring design for quick installation easier service with magnetic module design, support F/R maintenance of removing the controller.

Highlight Features

- High-strength aluminum alloy display cabinet, resistant to deformation
- Data&power 2 in 1 Type-C cables for modules connection
- Modular design with simplified structure details for highly integration
- Front & rear installation and maintenance and customizable splicing at any angle
- Modules with magnetic floating connector design for excellent flatness
- Cabinet backcover adopts a snap-locking design, no screws required
- Higher refresh rate of 4800Hz for supporting HDR display
- Higher grayscale of 18bit for showing more delicate image details
- Ultra wide color gamut for bringing you true-to-life color quality

Modular design with simplified structure details for highly integration, easy installation and maintenance.

High-strength aluminum alloy display cabinet with snap-locking backcover design, no screws required.

Data&power 2 in 1 Type-C cables for modules connection. Modules with magnetic floating connector design for excellent flatness.

Product Dimension

PCI series was designed to be compatible with the module (320x160mm) which serves as its corresponding accessory. The new Type-C connector lets power and data in one cable for high speed transmission and more stable. With such a highly integrated design we bring PCI to simplify the installation easier then ever, which is ideal for extensive applications.
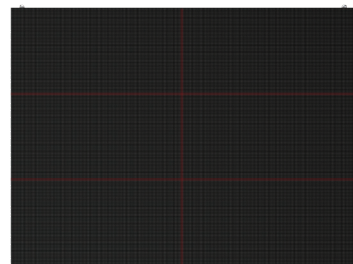
Module Composition (W:2×H:3)

Ultra High Refresh Rate

HIGH REFRESH RATE

LOW REFRESH RATE

* High refresh rate display brings smoother video playback and also can avoid problems such as unclear display, flickering or moire pattern when using a mobile phone or camera to record or photograph the LED screen.

Ultra High Brightness

HIGH BRIGHTNESS

LOW BRIGHTNESS

* LED display screens with too low brightness often lead to dim and unclear images.

Ultra High Grayscale

HIGH GRAYSCALE

LOW GRAYSCALE

* Higher grayscale makes the images presented by the LED display more colorful and delicate, and shows more image details.

Ultra Wide Color Gamut

PCI series LED displays with a wide color gamut can maintain consistent color reproduction across different viewing angles, ensuring that the colors remain accurate and uniform, resulting in more lifelike and visually stunning images and videos.

HDR Display / Support 3D/HDR

Compared with ordinary images, PCI series can provide more dynamic range and image details. According to LDR (Low-Dynamic Range) images with different exposure times, and use the best details of the LDR image corresponding to each exposure time to synthesize the final HDR image, which can better reflect the visual effect in the real environment.

Extensive Applications
Vertical Markets & Projects Reference

Planar PCI series is extensively used due to their high-resolution visuals and versatile applications in various indoor settings, including control rooms, conference halls, retail stores, and hotels. They offer a seamless viewing experience with vibrant colors and sharp images, making them ideal for delivering captivating and immersive visual content.

CORPORATE

CONFERENCE

RESIDENTIAL

HOTEL

CONTROL ROOM

RETAIL & STORE

Specifications

Item	PCI				
Product Module	PMI module				
Pixel Pitch	1.25	1.53	1.86	2	2.5
Module Arrangement (WxH)	2x3				
Cabinet Size (mm) (WxHxD）	640x480x64				
Cabinet Resolution(WxH)	512x384	416x312	344x258	320x240	256x192
Weight (kg/cabinet)	6.5				
Cabinet Flatness (mm)	0.15				
White Balance Brightness (nits)	≥500	≥500	≥500	≥500	≥600
Color Temp (k)	3000~38000 Adjustable				
Horizontal Viewing Angle (°)	160				
Vertical Viewing Angle (°)	140				
Deviation of LED Luminance Center	<3%				
Brightness Uniformity	≥97%				
Chromaticity Uniformity	Within ±0.003Cx,Cy				
Contrast Ratio	8000:1				
Peak Power Consumption (W/cabinet）	117				
Avg Power Consumption(W/cabinet）	39				
Working Voltage (V)	AC100~240				
Frame Rate (Hz)	50&60				
Greyscale (bit）	14~18				
HDR Supported	HDR10				
Refresh Rate (Hz)	≥4800				
IP Rating (Front /Rear)	IP61 / IP41				
Operation Temp (℃)	-10~40				
Storage Temp (℃)	-20~60				
Operation Humidity Range (RH)	10~80% Non-condensing				
Storage Humidity Range (RH)	10~85% Non-condensing				