



Planar PMI Series

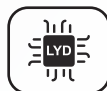
Planar® PM series is a new generation of LED display screen products developed and adopts the industry's pioneering Type-C, which combines power and signal lines, resulting in faster transmission speed and more stable data transmission. For the first time in the industry, Planar® PM series has achieved blind insertion of power and signal lines. Planar® PM series also highly integrates power, adapter board, and receiving card to create an intelligent control box, making installation, maintenance, and upgrade easier, and improving the reliability and stability of the LED display screen, Improve overall quality assurance.



16:9 Golden Ratio
Extended dual-size display unit



Type-C interface
signal & power line 2in1 with Type-C connector



Self-developed Chip
Excellence all-wise all-powerful



High Contrast Ratio
8000:1 Contrast Ratio



High Refresh Rate
4800Hz Refresh Rate

- Available in 1.2, 1.5, 1.8, 2, 2.5 pixel pitches
- 16:9 Golden Aspect Ratio
- 320x160mm & 320x180mm Module
- 640x480mm & 640x360mm Cabinet
- 8000:1 Contrast Ratio
- 4800Hz Refresh Rate
- Support Dual Power Supply & Receive Card
- signal & power line 2in1 with Type-C connector



Specifications

Item	PMI 1.2	PMI 1.5	PMI 1.8	PMI 2	PMI 2.5
LED Type	SMD	SMD	SMD	SMD	SMD
Pixel Pitch(mm)	1.25	1.5	1.8	2	2.5
Module Dimensions(WxHxD)/(mm)	320x160	320x160	320x160	320x160	320x160
Module Resolution(WxH)	256x128	208x104	172x86	160x80	128x64
Module Weight(kg)	0.57	0.57	0.57	0.57	0.57
Module Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Brightness(nit)	≥550	≥500	≥500	≥500	≥650
Refresh Rate(Hz)	≥4800	≥4800	≥4800	≥4800	≥4800
Gray Scale(Bit)	18	18	18	18	18
Contrast Ratio	8000:1	8000:1	8000:1	8000:1	8000:1
Color Temperature(K)	3000~15000	3000~15000	3000~15000	3000~15000	3000~15000
Horizontal Viewing Angle (°)	160	160	160	160	160
Vertical Viewing Angle (°)	140	140	140	140	140
Driving Type	1/64	1/52	1/43	1/40	1/64
AC Operating Voltage(V)	100~240	100~240	100~240	100~240	100~240
Max Power Consumption (W/m²)	430	345	345	345	390
Avg. Power Consumption (W/m²)	144	115	115	115	130
Storage Temperature(°C)	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Operating Temperature(°C)	-10~+40	-10~+40	-10~+40	-10~+40	-10~+40
Storage Humidity(RH)	10%~85%	10%~85%	10%~85%	10%~85%	10%~85%
Operating Humidity(RH)	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%
IP Rating	IP41	IP41	IP41	IP41	IP41
Module Maintenance	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
PSU & Others Maintenance	External	External	External	External	External
Module Installation	Magnetic/Cabinet	Magnetic/Cabinet	Magnetic/Cabinet	Magnetic/Cabinet	Magnetic/Cabinet

Intelligent Control Box

Intelligent Control Box integrates power, adapter board, and receiving card, making installation, maintenance, and upgrade easier, and improving the reliability and stability of the LED display screen. Improve overall quality assurance.



Adapts to Two Cabinet Sizes

PMI series LED module can be arranged into two standard sizes of 640mmx480mm and 640mmx360mm LED cabinets.

