

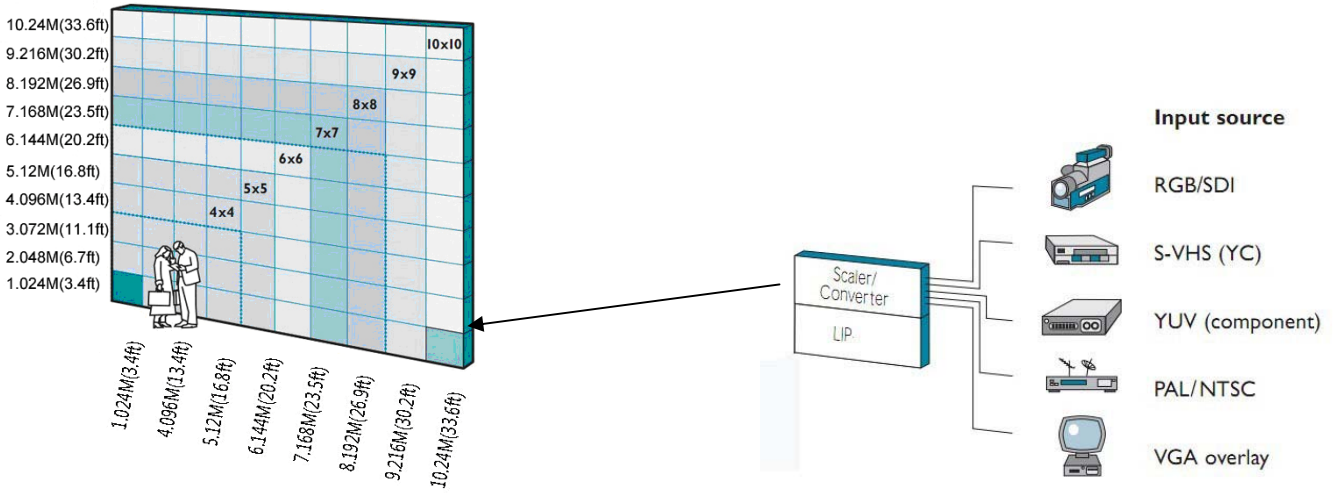
## Ph4 smd indoor led display



We developed PH4 SMD indoor led display; it is the ideal LED product for high quality small to large sized indoor applications. The colour contrast is promoting, each pixel become more smaller, so it has better image quality. This is ideally suited to outdoor digital signage, where high impact is needed.

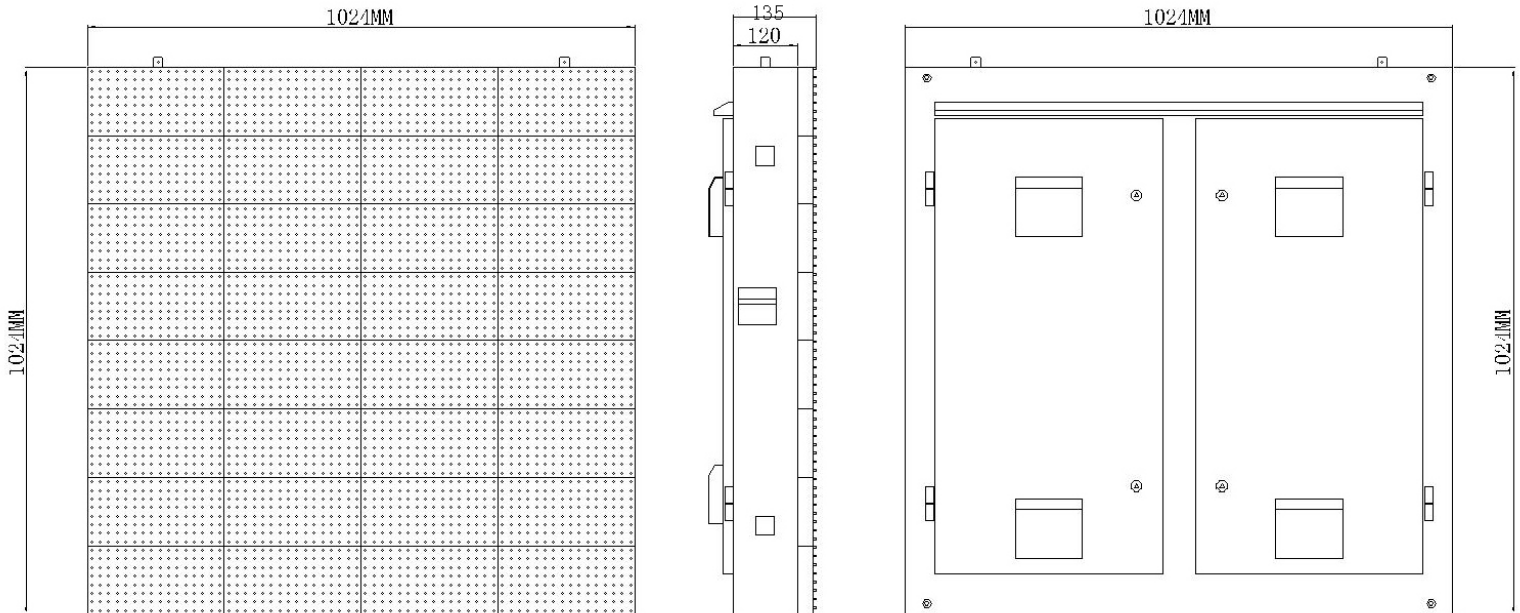
# PH4 smd indoor led display

## Configurations



## Quick Reference Guide

### PH4 smd led display



- Pixel Pitch: 4mm
- Density of pixel: 62500pixels/m<sup>2</sup>
- Brightness: >1500 cd/m<sup>2</sup>

- Viewing angle: H:140° V:140°
- LED specification: smd 2121
- Pixel configuration: 1R1G1B
- Module size: 256mm x 128mm
- Module Pixel density: 64 x 32dots
- Cabinet size:1024 x 1024mm
- Driving method: 1/16 scan, constant current
- Refresh rate: ≥ 1000 Hz
- Gray/Colour: 4096 grades Gray,1 billion colors
- Processing depth 14bit
- Control system: Synchronous/off-line control system
- Max. power consumption: 1000W/m<sup>2</sup>
- Lifetime:>100000hours
- MTBF: >5000hours
- Dead dot rate: <0.0001
- Temperature Range: Storage: - 20°C-65°C; Working: - 20°C~50°C
- Adopted Control System: PCTV Board + DVI Board + Control Board + Network cable Transmission
- Video Signal: RF、S-Video、RGB、RGBHV、YUV、YC、COMPOSITION etc
- Brightness adjustment: Manual adjustment: 256 levels for R, G, B ,  
Automatic adjustment: 256grades for each color
- LED parameter: R: (625-630nm) G: (520-525nm) B: (465-470nm)  
R: IV(150-200mcd) G: IV(500-700mcd) B: IV(130-150mcd)

## PH4 indoor led display

Standard 4:3 aspect ratio(16:9 aspect also possible)						Average power consumption				
P4 panel	panel total	size (m <sup>2</sup> )	size (ft <sup>2</sup> )	Dimensions		Pixel resolution w x h	Panel			
				w x h(m)	w x h(ft)		Total weight kg	Total (watts)	I Phase (amps)	US(110V)
1	1	1.05	11.29	1.024x1.024	3.36x3.36	256x256	35	440	2	4
2x2	4	4.2	45.16	2.048x2.048	6.72x6.72	512x512	140	1760	8	16
3x3	9	9.45	101.6	3.072x3.072	10.08x10.08	786x768	315	3960	18	36
4x4	16	16.8	180.64	4.096x4.096	13.44x13.44	1024x1024	560	7040	32	64
5x5	25	26.25	282.25	5.12x5.12	16.8x16.8	1280x1280	875	11000	50	100

- Based on average power consumption.
- Alternative processing systems are available for larger screen sizes.