

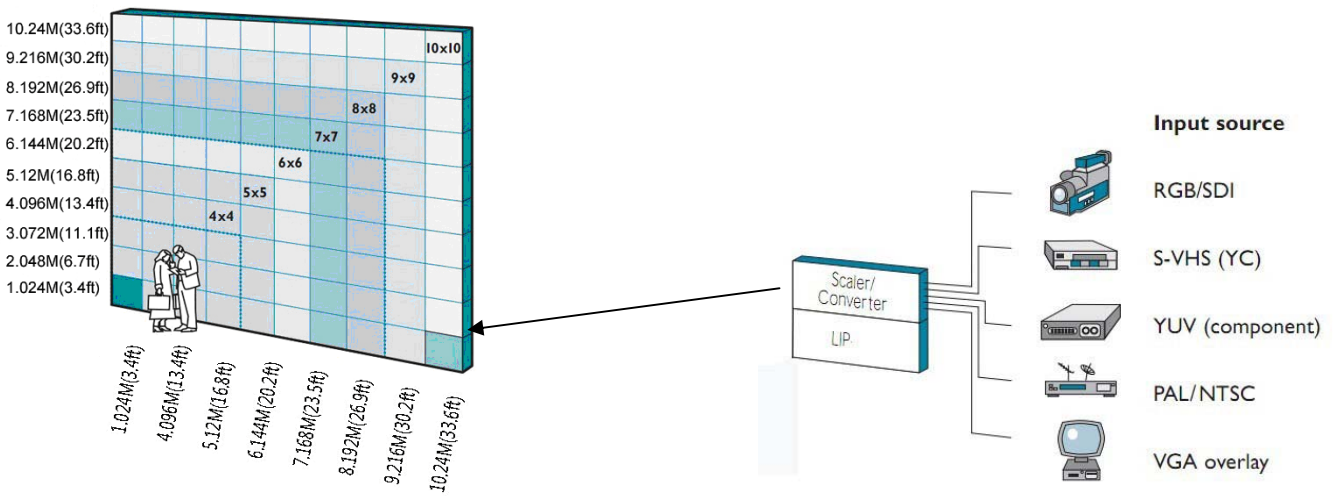
Ph8 smd outdoor led display



We developed PH8 SMD outdoor 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.

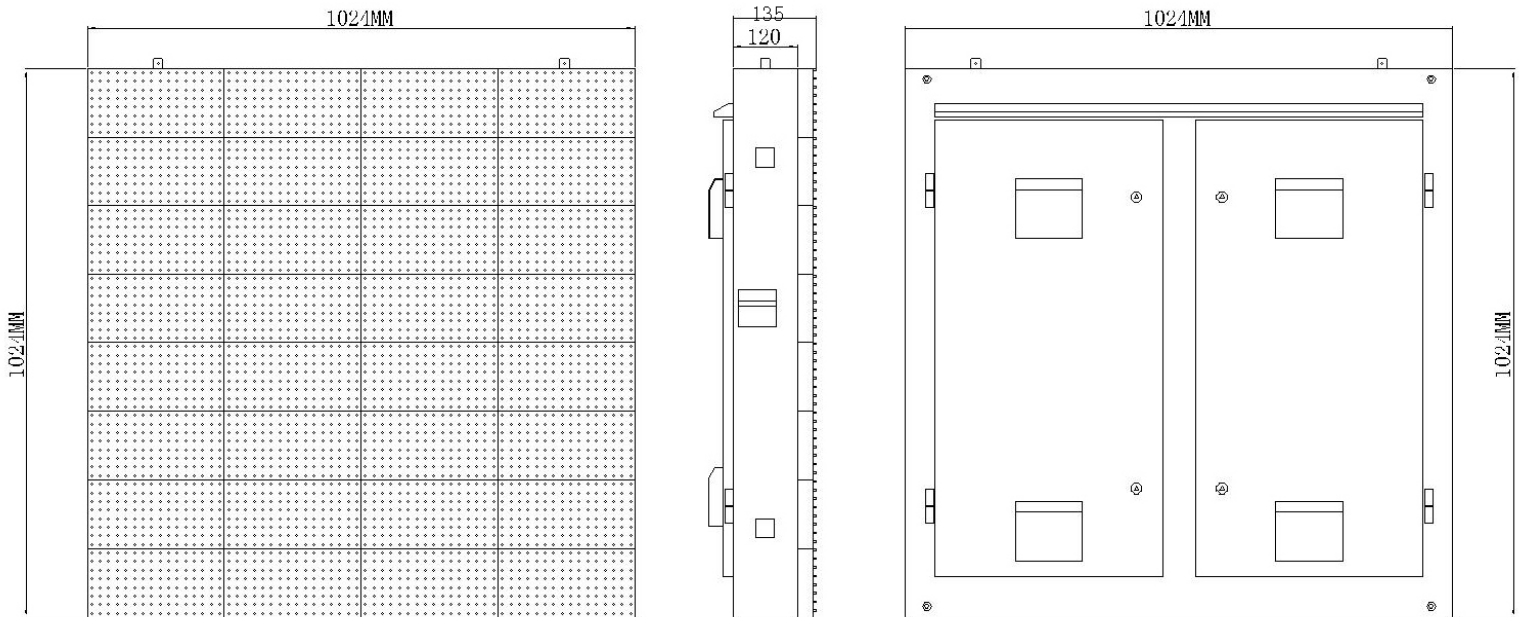
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Configurations



Quick Reference Guide

PH8 smd led display



- Pixel Pitch:8mm
- Density of pixel: 15625pixels/m²
- Brightness: >5000 cd/m²
- Viewing angle: H:120° V:120°
- LED specification: smd 3535
- Pixel configuration: 1R1G1B
- Module size: 256mm x 128mm
- Module Pixel density: 32 x 16dots
- Cabinet size:1024 x 1024mm
- Driving method: 1/4 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/m²
- 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(650-900mcd) G: IV(1400-1800mcd) B: IV(280-350mcd)

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| Standard 4:3 aspect ratio(16:9 aspect also possible) | | | | | | | Average power consumption | | | |
|--|-------------|------------------------|-------------------------|---|-------------|---------------------------|---------------------------|---------------|----------------|----------------|
| | | | | | | | Panel | Europe(240V) | | US(110V) |
| P4 panel | panel total | size (m ²) | size (ft ²) | Dimensions w x h(m) w x h(ft) | | Pixel resolution w x h | Total weight kg | Total (watts) | I Phase (amps) | I Phase (amps) |
| 1 | 1 | 1.05 | 11.29 | 1.024x1.024 | 3.36x3.36 | 128x128 | 40 | 1050 | 4.8 | |
| 2x2 | 4 | 4.2 | 45.16 | 2.048x2.048 | 6.72x6.72 | 256x256 | 160 | 4200 | 19.2 | |
| 3x3 | 9 | 9.45 | 101.6 | 3.072x3.072 | 10.08x10.08 | 384x384 | 360 | 9450 | 43.2 | |
| 4x4 | 16 | 16.8 | 180.64 | 4.096x4.096 | 13.44x13.44 | 512x512 | 640 | 16800 | 76.8 | |
| 5x5 | 25 | 26.25 | 282.25 | 5.12x5.12 | 16.8x16.8 | 640x640 | 1000 | 26250 | 120 | |

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