

New Product PH16 1R1G1B outdoor led display

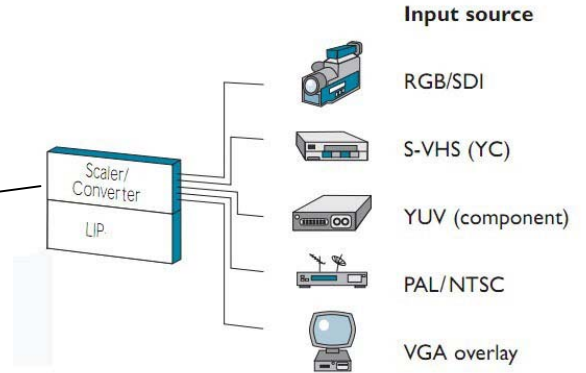
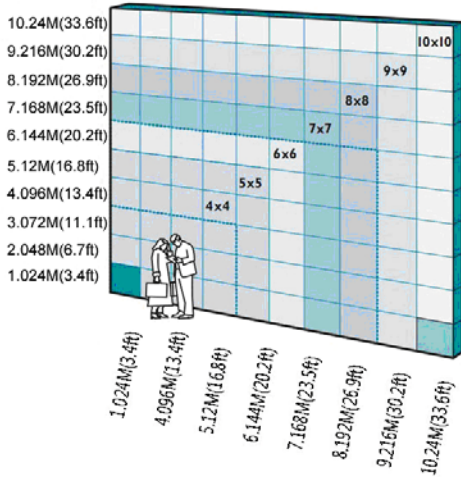


Based on our PH16 2R1G1B, we developed PH16 1R1G1B, it is the ideal LED product for high quality small to large sized outdoor applications. For energy saving function, 1R1G1B is about 80% of 2R1G1B; it can save 20% power consumption. And the brightness is the same as 2R1G1B. the colour contrast is promoting, each pixel become smaller, so it has better image quality. This is ideally suited to outdoor digital signage, where high impact is needed.

Image : Nanning Railway Station, Guangxi – 21.504m(W) x 8.448m(H)

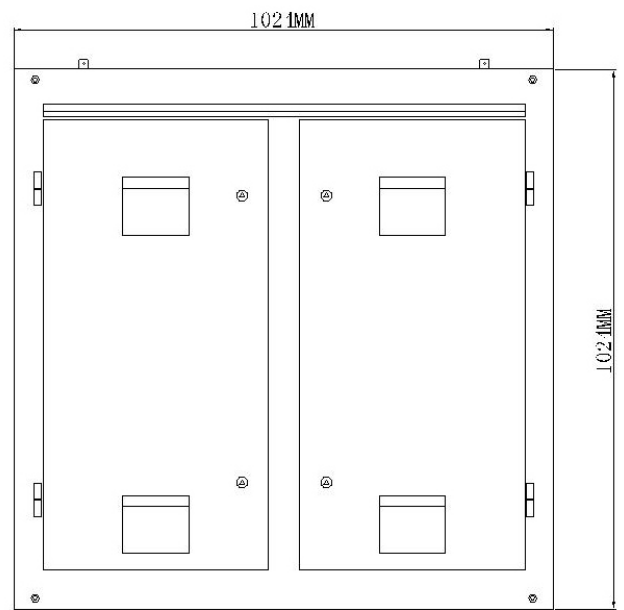
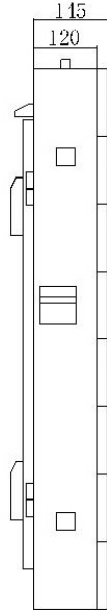
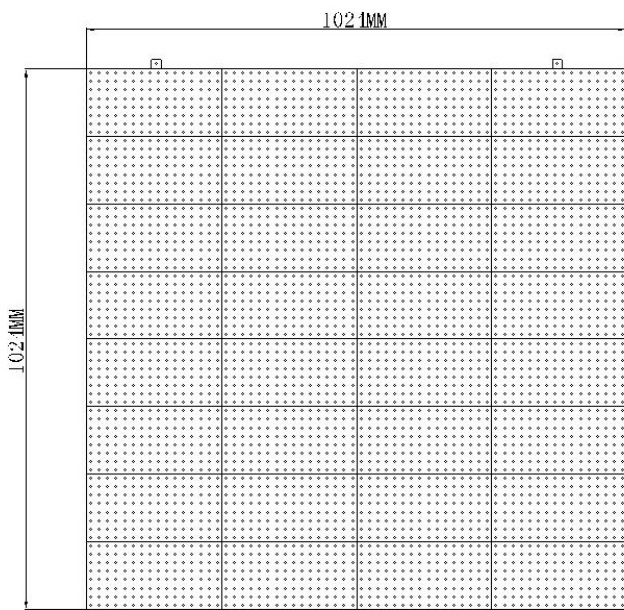
PH16 outdoor 1R1G1B led display

Configurations



Quick Reference Guide

PH16 1R1G1B



Brightness: >7500 cd/m²
Viewing angle: H: 110° V:50°
Pixel pitch: 16mm
Pixel density: 3906/m²
Pixel configuration: **1R1G1B**
Gray Scale/color: 4096 grades for R, G and B,
Display ≥1billion Colors
Processing depth 14bit

Data Refresh Rate (typical): 300Hz
Display input: RGB, HV, YUV, YC, SDI Composite(HD-SDI optional)
Lifetime: 100,000 hrs
Temperature Range: Storage: - 20°C~65°C; Working: - 20°C~50°C
Brightness adjustment: Manual/ Automatic 256 levels for R, G, B
Relative Humidity: ≤95%

Power consumption (average): 350watts

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Standard 4:3 aspect ratio(16:9 aspect also possible)							Average power consumption			
P16 panel	panel total	size (m²)	size (ft²)	Dimensions		Pixel resolution w x h	Total weight kg	Total (watts)	Panel	
				w x h(m)	w x h(ft)				Europe(240V)	US(110V)
1	1	1.05	11.29	1.024x1.024	3.36x3.36	64x64	55	440	2	4
4x4	16	16.8	180.64	4.096x4.096	13.44x13.44	256x256	880	7040	32	64
5x5	25	26.25	127.46	5.12x5.12	16.8x16.8	320x320	1375	11000	50	100
6x6	36	37.8	406.44	6.144x6.144	20.16x20.16	384x384	1980	15840	72	144
7x7	49	51.45	553.21	7.168x7.168	23.52x23.52	448x448	2695	21560	96	192
8x8	64	67.2	722.56	8.192x8.192	26.88x26.88	512x512	3520	28160	128	256
9x9	81	85.05	914.49	9.216x9.216	30.24x30.24	576x576	4455	35640	162	324
10x10	100	105	1129	10.24x10.24	33.6x33.6	640x640	5500	44000	200	400

- Based on average power consumption.
- Alternative processing systems are available for larger screen sizes.
- Sino-Colour reserves the right to change any specifications without notice.