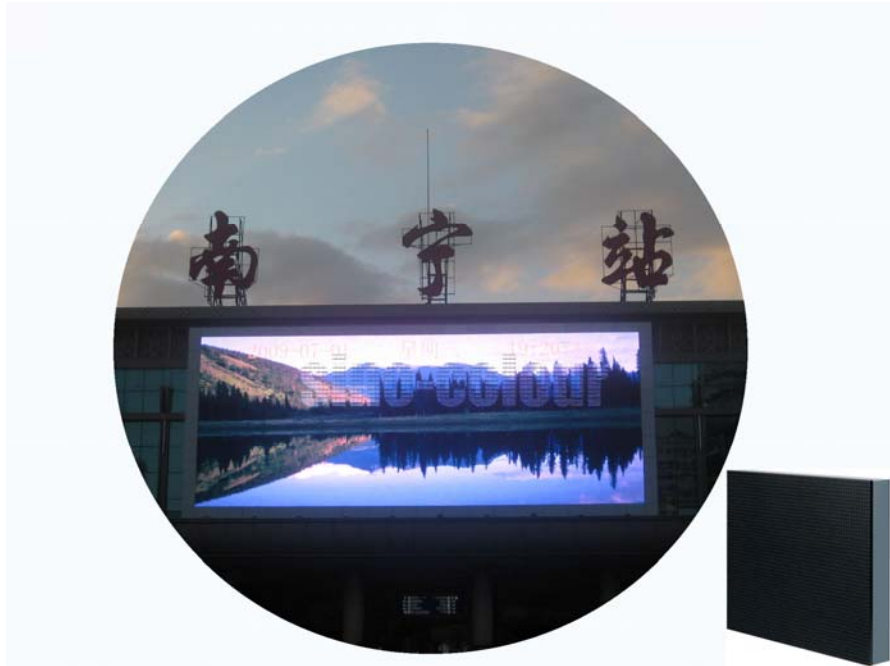


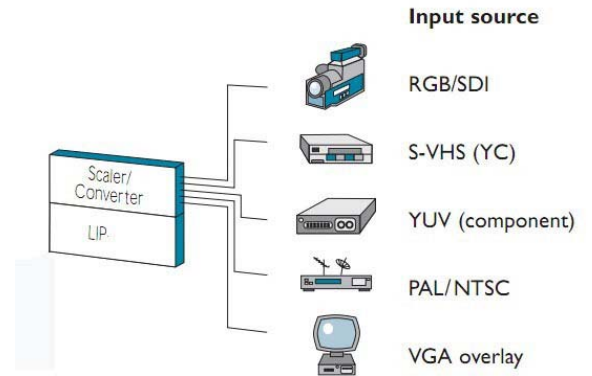
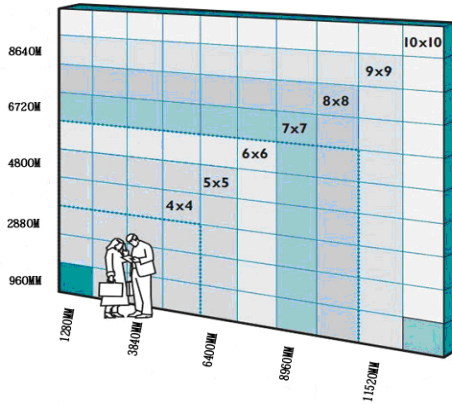
PH10 Led Display Brochure



We developed PH10 1R1G1B outdoor led display, it is the ideal LED product for high quality small to large sized outdoor applications. The PH10 has closer pixel pitches; it makes better and clearer images. This is ideally suited to outdoor led display, where high impact is needed.

PH10 Led Display Brochure

Configurations

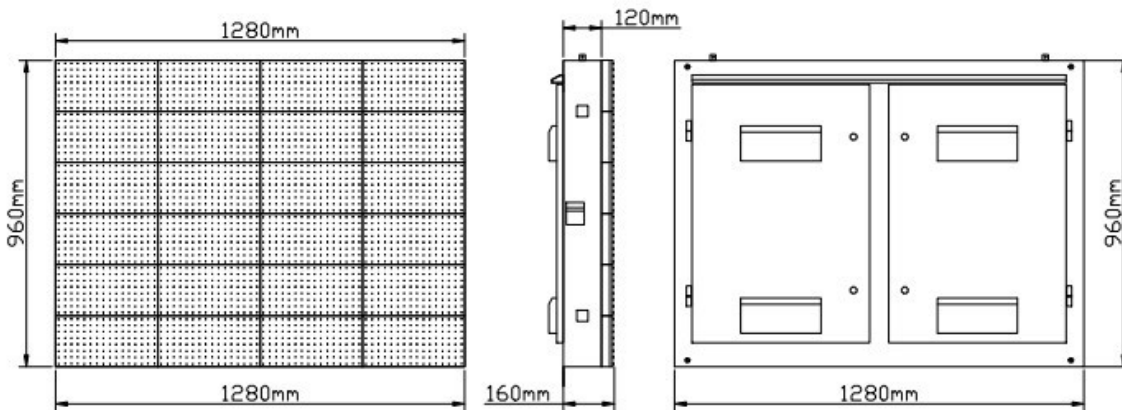


Input source

- RGB/SDI
- S-VHS (YC)
- YUV (component)
- PAL/NTSC
- VGA overlay

Quick Reference Guide

The cabinet drawing:



The specifications are as below:

- Pixel Pitch: 10mm
- Density of pixel: 10000pixels/m²
- Brightness: >6000 cd/m²
- Viewing angle: H:110° V:50°
- LED specification: DIP 346
- Pixel configuration: 1R1G1B
- Module size: 320mm x 160mm
- Module Pixel density: 32x 16dots
- Cabinet size:1280 x 960mm
- Driving method: Static constant 1/4 scans.
- Refresh rate: ≥ 300 Hz
- Gray/Colour: 8192grades Gray,1 billion colors

- Processing depth 12bit
- Control system: Synchronous/off-line control system
- Max. power consumption: 800W/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(850-1000mcd) G: IV(2200-2500mcd) B: IV(450-500mcd)

Standard 4:3 aspect ratio(16:9 aspect also possible)

P20 panel	panel total	size (m ²)	Dimensions w x h(m)	Pixel resolution w x h	Total weight kg	Total (watts)	I Phase (220V,amps)	I Phase (110V,amps)
1	1	1.23	1.28x0.96	128x96	61	800	3.6	7.2
2x2	4	4.92	2.56 x1.92	256 x192	244	3200	14.4	28.8
3x3	9	11.07	3.84x2.88	384 x288	549	7200	32.4	64.8
4x4	16	19.68	5.12x3.84	512x384	976	12800	57.6	115.2
7x7	49	60.21	8.96x6.72	896x672	2989	39200	176.4	352.8

- 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.