



## OUTDOOR SINGLE/BI-COLOR LED DISPLAY

### Technical Parameter

Item	PH10 (single color)	PH10 (dual color)	PH12 (dual color)	PH16 (dual color)	PH20 (dual color)
Pixel pitch (mm)	10	10	12	16	20
Configuration	1R	1R 1PG	2R 1PG	2R 1PG	2R 1PG
Density (pixel/m <sup>2</sup> )	10000	10000	6944	3906	2500
Cabinet size (mm)	640*640	640*640	768*576	1024*768	1280*960
Cabinet resolution (W*H)	64*64	64*64	64*48	64*48	64*48
Cabinet pixel (pixel/panel)	4096	4096	3072	3072	3072
Best viewing distance (m)	10-120	10-120	12-120	16-150	20-150m
Best viewing angle	Horizontal : 90-120 degree, Vertical : 30-60 degree (available)				
Average power consumption (W/m <sup>2</sup> )	100-250	200-250	450-6050	200-340	200-300
Max power consumption ( $\leq$ W/m <sup>2</sup> )	400	600	1400	700	600
Control mode	Synchronism or Asynchronism				
Video mode	DVI video card				
Drive mode	1/4 scan constant drive	1/4 scan constant drive	1/4 scan constant drive	1/4 scan constant drive	1/4 scan constant static
Frame rate	$\geq$ 60Hz				
Refresh rate	$\geq$ 180Hz				
White balance brightness ( $\geq$ cd/m <sup>2</sup> )	3500	5000	7000	4500	4500
Ambient temperature	Storage : -40°C ~ + 85°C ; Working : 20°C ~ 50°C				
Working voltage (AC)	220 $\pm$ 5%				
Brightness adjustment	Software 0-100 grade adjustment				
PC operating system	WIN98, WINXP, WIN2000, etc				
Input signals	RF, S-VIDEO, RGB, RGBHV, YUV, YC, COMPOSITION				
Control system	Control card (sending & receiving card)				
MTBF	$\geq$ 5000hours				
Display lifespan	$\geq$ 100,000 hours				
PC display mode	1024 x 768				
Software	LED studio (MDK)				