



LED Outdoor for Full-color

Items	PH20
Unit Cabinet	
Pitch	20mm
LED Composition	5mm oval through-hole LED with AXT chips
LED Peak Wavelength	R: 620-625; G: 520-525; B: 465-470
LED Brightness	R: 400-700mcd, G: 2000-3000mcd, 300-500mcd
Unit Cabinet Size	1280×960mm
Pixel Density (dots/m ²)	2500
Color Configuration	2R1G1B
Cabinet Pixel Matrix	64×48
Thickness of Screen	180mm
Weight of Unit Cabinet	60kg/m ²
Technical Data	
Viewing Distance	15-200m
View Angle	Horizontal 110°-120°, Vertical 30°—45°
Ambient Temperature	-40℃ - +80℃ for storage; -20℃ - +60℃ for operation
Ambient Humidity	10%-90% RH
Max Power Consumption	≤1100W/ m ²
Control Mode	Video Frequency Synchronization
Video Card	DVI
Driving Mode	Static Latching
Frame Frequency	≥120Hz
Refresh Frequency	≥180Hz
Grey /Displayed Color	16.7M colors
Brightness (cd/ m ²)	≥5000
Operation Voltage	AC 110±15% 50HZ
Computer Operation System	WIN98, WINXP, WIN2000
Video Signal	VCD, DVD, Video Camera, Cable TV etc.
Control System	PC/TV Card (Optional) + DVI Video Card + Control Card
MTBF	≥1000 hours
Operation Lifespan	50,000 hours
Rate of pixel failure	<0.0002
Grade of Protection	IP65 for the front and IP44 for the back
Effective Communication Distance	120meter without relay
Computer Display Mode	1024×768
Playing Software	LED Studio (MDK)
Warranty	One year, without installation