



LED Outdoor for Full-color

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| Items | PH16 |
| Unit Cabinet | |
| Pitch | 16mm |
| LED Composition | 5mm oval through-hole LED with Silan chips |
| LED Peak Wavelength | R: 620-625 |
| LED Brightness | R: 400-700mcd |
| Pixel Density (dots/m ²) | 3906 |
| Color Configuration | 2R1G1B |
| Cabinet Pixel Matrix | 64×48 |
| Thickness of Screen | 180mm |
| Technical Data | |
| Viewing Distance | 15-150m |
| 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 | ≤1200W/ 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 |