FionTu

Specification:

Module Specifications

1. **LED Package Type**: SMD1921
2. **Pixel Pitch**: 4mm
3. **Resolution**: 62,500 pixels/m²
4. **LED/IC**: High-quality domestic copper wire / High refresh rate
5. **Pixel Configuration**: 1R1G1B
6. **Module Resolution**: 80 × 40
7. **Module Size (mm)**: 320 × 160

Main Specifications

1. **Optimal Viewing Distance**: ≥12m
2. **Horizontal Viewing Angle**: ≥170°
3. **Vertical Viewing Angle**: ≥170°
4. **Maintenance Method**: Front maintenance
5. **Display Card**: DVI / HDMI / DP
6. **Video Signal Compatibility**:
   1. PAL / NTSC / SECAM formats
   2. Supports **S-Video, VGA, RGB, Composite Video, SDI, DVI, RF, RGBHV, YUV, YC**
7. **Control Method**: Synchronous control
8. **Driver Type**: Constant current
9. **Refresh Rate**: ≥3840Hz
10. **Frame Rate**: ≥60Hz
11. **Scanning Mode**: 10S
12. **Brightness**: ≥5000 cd/m² (adjustable)
13. **Gray Scale / Colors**: 2.81 trillion
14. **Contrast Ratio**: ≥10,000:1
15. **Attenuation Rate (after 3 years of use)**: ≤15%
16. **Brightness Adjustment**: 0-255 step-less software adjustment
17. **Supported Operating Systems**: WIN98 / 2000 / XP / Vista / 7
18. **MTBF (Mean Time Between Failures)**: ≥20,000 hours
19. **Lifespan**: ≥100,000 hours
20. **Defective Pixel Rate**: ≤1/100,000, with no continuous dead pixels
21. **Software**: Professional LED display programming software
22. **Operating Temperature**: -20℃ ~ +50℃
23. **Storage Temperature**: -35℃ ~ +85℃
24. **Operating Humidity**: 10% ~ 80% (non-condensing)
25. **Operating Voltage (AC)**: 220V ±10% / 50Hz or 110V ±10% / 60Hz
26. **Average Power Consumption**: ≤550W/m²
27. **Maximum Power Consumption**: ≤1000W/m²
28. **Cabinet Specification**: Standard cabinet