



Lextar

Ennostar Group

RGB LED Display

Smart Innovation, Amazing Life

Indoor Solution

| Model | | D09NWG0 | D12NWG0 | D12NWG1 | D15NWG0 | D18NWG0 |
|---|------------|--------------------|--------------------|------------------|--------------------|--------------------|
| Pixel Pitch (mm) | | 0.9X | 1.2X | 1.2X | 1.5X | 1.8X |
| Pixel Density (pixel/sqm) | | 1,137,778 | 640,000 | 640,000 | 409,600 | 284,444 |
| Brightness (cd/sqm) | | 1000 | 1000 | 800 | 1000 | 800 |
| Contrast Ratio | | 10000:1 | 10000:1 | 50000:1 | 10000:1 | 10000:1 |
| Refresh Rate (Hz) | | 3840 | 3840 | 3840 | 3840 | 3840 |
| Adj Brightness (Levels) | | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 | ≥ 16 |
| Color Depth (bit) | | 15 | 16 | 14 | 16 | 16 |
| Viewing Angle | Horizontal | 160° | 160° | 150° | 160° | 160° |
| | Vertical | 160° | 160° | 150° | 160° | 160° |
| Power Consumption (W/Cabinet) (+/- 15%) | Avg. | 25 | 25 | 165 | 25 | 30 |
| | Max. | 50 | 50 | 490 | 50 | 80 |
| Cabinet Dimension (W x H x D) (mm) | | 600 x 337.5 x 43.5 | 600 x 337.5 x 43.5 | 600 x 337.5 x 44 | 600 x 337.5 x 43.5 | 600 x 337.5 x 43.5 |
| Weight (kg/Cabinet) | | 6.1 | 5 | 4.5 | 5 | 5 |
| Input AC Power (+/- 10%) (V) | | AC 110-240V | AC 110-240V | AC 110-240V | AC 110-240V | AC 110-240V |
| IP Garde | Front | IP40 | IP40 | IP40 | IP40 | IP40 |
| | Rear | IP20 | IP20 | IP20 | IP20 | IP20 |
| Thermal Management Method | | Fanless | Fanless | Fanless | Fanless | Fanless |
| Maintenance Type | | Front | Front | Front | Front | Front |
| Life Time (Hours@Ta 25°C) | | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Electrical Protection Mode | | OVP, OCP, OTP | OVP, OCP, OTP | OVP, OCP, OTP | OVP, OCP, OTP | OVP, OCP, OTP |
| Certification | | CE, RoHS | CE, RoHS | CE, RoHS | CE, RoHS | CE, RoHS |

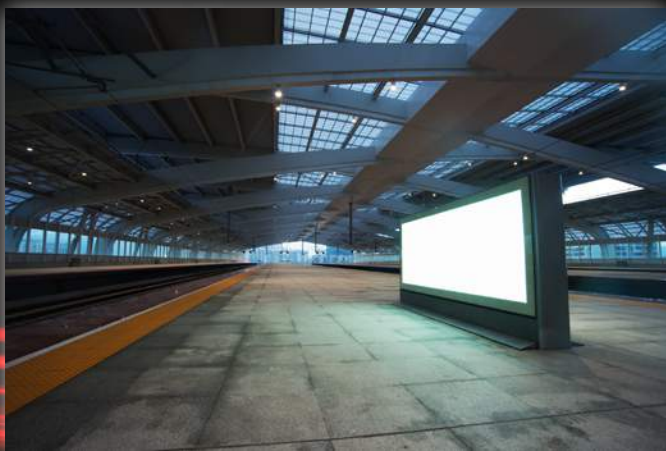
Features

- 16:9 style die-casting aluminum cabinet for HD/full HD/4K resolution
- Ultra thin design in thickness
- Lightweight design
- IP grade level design
- Front and rear access for ease of maintenance
- Wide viewing angles and perfect color mixing



Public Display

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Patents

| Region | Patent Number | Title |
|--------|----------------------|---|
| US | 11,579,486B2 | LIGHT EMITTING DEVICE, BACKLIGHT, AND DISPLAY PANEL WITH REFLECTIVE LAYER |
| | 11,552,222B2 | DISPLAY DEVICE |
| | 11,367,849B2 | PIXEL ARRAY PACKAGE STRUCTURE AND DISPLAY PANEL |
| | 10,908,344B2 | LIGHT-EMITTING MODULE STRUCTURE |
| | 10,811,396B2 | DISPLAY DEVICE |
| Taiwan | I790941B | 發光模組 |
| | I780966B | 發光裝置、背光板及顯示面板 |
| | I676851B | 畫素陣列封裝結構及顯示面板 |
| | D216971S | 發光二極體模組 |
| | D216970S | 發光二極體模組 |
| China | 111463194B | 显示装置 |
| | 111384225B | 发光装置 |
| | 111105740B | 显示器电路结构、显示器以及拼接式显示器 |
| | 110858599B | 像素阵列封装结构及显示面板 |
| | 110391216B | 发光模块结构 |
| | 306797865S | 发光二极管模块 |
| Korea | 30-1169785-0001~0003 | 발광다이오드모듈 |
| Japan | 1694933 | 発光ダイオードモジュール |
| | 1694932 | 発光ダイオードモジュール |
| | 1694907 | 発光ダイオードモジュール |

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