

Outdoor P8 SMD LED Video Display



LEDtronics LED-P8 SMD Q series LED Video Displays offer high-definition video quality with a 8mm visual resolution. Suitable for outdoor applications and is your ideal out-of-home digital display solution for delivering corporate communications, enhance company's reputation and their brand names.

Simply put, LEDtronics P8 SMD Q series brings world-class technology that will capture more audience attention with enhanced features such as higher brightness, higher resolution, excellent color uniformity, picture-perfect clarity, wide viewing angle and higher refresh rates.

LEDtronics is a leading LED display specialist in Malaysia. Every day, many Malaysia's respected brands, small businesses, non-profits, government institutions, universities, shopping malls, media owners and a whole lot more depend on LEDtronics for their visual communication and digital display solutions.

Efficient, effective and reliable. Since 1997.

Product Features

SMD (3-in-1) LED Packages

Red, green and blue LEDs are blended within a single package to reduce the necessary viewing distance.

High-Density Layout

With higher resolution of the number of full-color pixels within a screen area hence delivers true full-color lines and columns across the display.

Weather Resistant Design

P8 SMD panels boast an IP-65 environmental rating to protect against wind-driven rain and dust.

Advanced Video Processing

LEDtronics 16-bit image processing provides 281 trillion colors capability at any brightness setting.

Video Control System

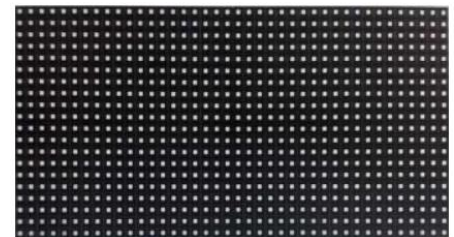
Equipped with video processor that supports SDI/HDSI input and video switcher that allows multiple input switches.

Any Shape, Any Size

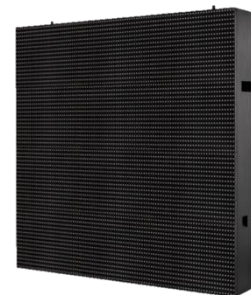
Module-based design allows for unique shapes and aspect ratios while eliminating all limitations on display size.

Technical Specifications

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| Model number | P8-Q |
| Pixel pitch (mm) | 8 |
| Pixels per square meter | 15,625 |
| Color Processing Architecture | 16-bit |
| Pixel configuration | RGB 3-in-1 SMD3535 (Black) |
| Color capability | 281 trillion + |
| Color temperature | 3,500° - 9,500° K (adjustable) |
| Refresh rate | >1,920+ Hz |
| LED lifetime | 100,000 hours |
| Display intensity | 5,500 nits (cd/m2) adjustable |
| Dimming capability | 8-bit (256 levels of brightness control) |
| Horizontal viewing angle | 140° |
| Vertical viewing angle | 130° |
| Contrast ratio | 1,000:1 + |
| Service access | Rear |
| Cabinet construction | Steel iron |
| Weatherproofing features | Sealed cabinet, potted modules, conformal coated display electronics |
| Weatherproofing (front/rear) | IP65 / IP54 |
| Working temperature rating | -34°C to 49°C |
| Ventilation | Fans and filters |
| Video frame rate | 60 frames per second |
| Video compatibility | PAL, NTSC, HDTV |
| Video format | Composite, component, S-Video, SDI, HD-SDI |
| Data transmission to display | UTP Cat 5 up to 100m / fiber optic cable |
| Minimum viewing distance | 8 m |
| Module configuration-pixels (WxH) | 40 x 20 |
| Module dimensions (WxH) | 320 mm x 160 mm |
| Panel configuration-pixels (WxH) | 120 x 120 |
| Panel dimensions (WxH) | 960 mm x 960 mm |
| Panel depth | 175 mm |
| Panel weight (kg) | 63 |
| Maximum power per sq.m. (watts) | 664 |
| Average power per sq.m. (watts) | 221 |
| Video Processor | LEDtronics Video processor |
| Operating System | Windows 10 |



Module: Front View



Panel: Side View



Excim Millerz Square, Old Klang Road