

## 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

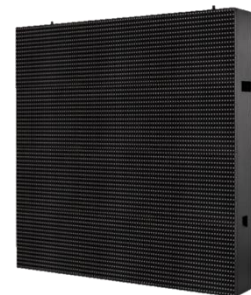
Module-based design allows for unique shapes and aspect ratios while eliminating all limitations on display size.

## Technical Specifications

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



Module: Front View



Panel: Side View



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