

## Indoor P2 SMD LED Video Display



- Rental
- Concerts
- Sports
- Exhibitions
- Conference

**LEDtronics LED-P2i SMD Q series** LED Video Displays offer high-definition video quality with a 2mm visual resolution. Suitable for indoor close viewing applications and is your ideal digital display for galleries, lobbies, banquets, entertainment, television, corporate, civic, sports events, exhibitions and conventions.

Simply put, LEDtronics P2i 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 Refresh Rate

P-2i LEDs offers more than 3,840 Hz refresh rate for a flicker-free broadcast quality when showing videos.

### 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.

### Advanced Video Processing

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

### Video Control System

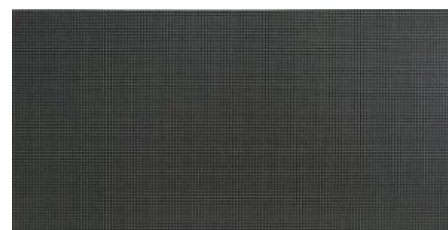
Equipped with video processor that supports SDI/HDSDI input and video switcher that allows multiple input switches.

### 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>	P2i-Q
<b>Pixel pitch (mm)</b>	2.0
<b>Pixels per square meter</b>	250,000
<b>Color Processing Architecture</b>	16-bit
<b>Pixel configuration</b>	RGB 3-in-1 SMD2020 (Black)
<b>Color capability</b>	281 trillion +
<b>Color temperature</b>	3,500° - 9,500° K (adjustable)
<b>Refresh rate</b>	>3,840+ Hz
<b>LED lifetime</b>	100,000 hours
<b>Display intensity</b>	> 600 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>	Front / Rear
<b>Cabinet construction</b>	Aluminum / Steel iron
<b>Weatherproofing features</b>	N/A
<b>Weatherproofing (front/rear)</b>	IP40 / IP21
<b>Working temperature rating</b>	-34°C to 49°C
<b>Ventilation</b>	N/A
<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 6 up to 100m / fiber optic cable
<b>Minimum viewing distance</b>	2.0 m
<b>Module configuration-pixels (WxH)</b>	160 x 80
<b>Module dimensions (WxH)</b>	320 mm x 160 mm
<b>Panel configuration-pixels (WxH)</b>	320 x 320
<b>Panel dimensions (WxH)</b>	640 mm x 640 mm
<b>Panel depth</b>	85 mm
<b>Panel weight (kg)</b>	16
<b>Maximum power per sq.m. (watts)</b>	449
<b>Average power per sq.m. (watts)</b>	150
<b>Video Processor</b>	LEDtronics Video processor
<b>Operating System</b>	Windows 10



Module: Front View



Module: Rear View