

Indoor P1.538 SMD LED Video Display



LEDtronics P1.538 SMD LED Video Displays offer high-definition video quality with a 1.538mm visual resolution. Suitable for indoor rental and fixed install applications, it is your ideal digital display for banquets, entertainment, television, corporate, civic, sports events, command centres, exhibitions and conventions.

Simply put, LEDtronics P1.538 SMD brings world-class technology that will capture more audience attention with enhanced features such as the lighter die-cast magnesium alloy cabinet, 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

P1.538 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

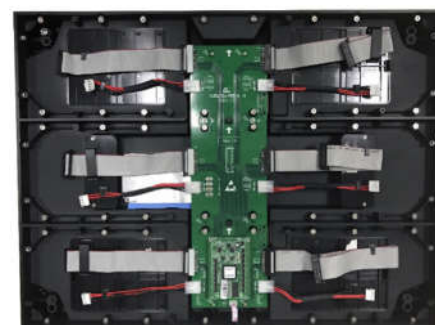
Model number	P1.538
Pixel pitch (mm)	1.538
Pixels per square meter	422,754
Color Processing Architecture	16-bit
Pixel configuration	RGB 3-in-1 SMD1515 (Black)
Color capability	281 trillion +
Color temperature	3,500° - 9,500° K (adjustable)
Refresh rate	>3,840+ Hz
LED lifetime	100,000 hours
Display intensity	> 500 nits (cd/m ²) 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	Front / Rear
Cabinet construction	Die-Cast Magnesium Aluminum
Weatherproofing features	N/A
Weatherproofing (front/rear)	IP40 / IP21
Working temperature rating	-34°C to 49°C
Ventilation	N/A
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 6 up to 100m / fiber optic cable
Minimum viewing distance	1.5 m
Module configuration-pixels (WxH)	208 x 104
Module dimensions (WxH)	320 mm x 160 mm
Cabinet configuration-pixels (WxH)	416 x 312
Cabinet dimensions (WxH)	640 mm x 480 mm
Cabinet depth	85 mm
Cabinet weight (kg)	8
Maximum power per sq.m. (watts)	580
Average power per sq.m. (watts)	193
Video Processor	LEDtronics Video processor
Operating System	Windows 10



Cabinet: Rear View (convenient in handling and during installation, with less structure and wall load requirements)



Cabinet: Top View (85mm thickness and weighs 8kg only)



Cabinet: Rear View (4:3 box proportion design, interchangeable pitch from 1 to 2.5mm)