Indoor P5 SMD LED Video Display

Rental
Concerts
Sports
Exhibitions
Conference

LEDtronics LED-P5i-HX SMD series LED Video Displays offer high-definition video quality with a 5mm visual resolution. Suitable for indoor applications and is your ideal digital display for banquets, entertainment, television, corporate, civic, sports events, exhibitions and conventions.

Simply put, LEDtronics P5i-HX SMD 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.

Digital Billboards | Video Displays | Media Facade | LED Signage

LEDTRONICS

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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 Brightness LED
P-5i LEDs blend color more effectively and provides up to 1,500 nits of adjustable brightness.

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	P5i-HX
Pixel pitch (mm)	5
Pixels per square meter	40,000
Color Processing Architecture	16-bit
Pixel configuration	RGB 3-in-1 SMD2121 (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	1,500 nits (cd/m2) adjustable
Dimming capability	8-bit (256 levels of brightness control)
Horizontal viewing angle	140°
Vertical viewing angle	120°
Contrast ratio	1,000:1 +
Service access	Front / Rear
Cabinet construction	Aluminum / Steel iron
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	5 m
Module configuration-pixels (WxH)	64 x 32
Module dimensions (WxH)	320 mm x 160 mm
Panel configuration-pixels (WxH)	192 x 192
Panel dimensions (WxH)	960 mm x 960 mm
Panel depth	98 mm
Panel weight (kg)	42
Maximum power per sq.m. (watts)	500
Average power per sq.m. (watts)	250
Video Processor	LEDtronics Video processor
Operating System	Windows 10

Module: Front View

Module: Rear View

Sunway Resort Hotel & SPA, Bandar Sunway

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