

Outdoor P10 SMD LED Video Display



LEDtronicS LED-P10-HX SMD series LED Video Displays offer high-definition video quality with a 10mm 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 P10-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.

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

P10 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

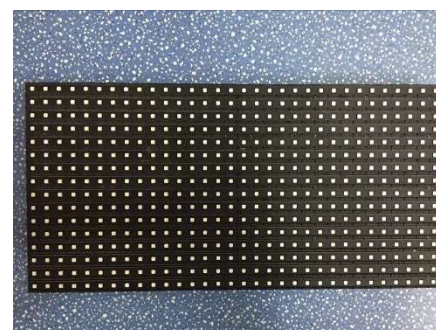
Equipped with video processor that supports SDI/HDSI input and video switcher that allows multiple input switches.

Any Shape, Any Size

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

Technical Specifications

Model number	P10-HX
Pixel pitch (mm)	10
Pixels per square meter	10,000
Color Processing Architecture	16-bit
Pixel configuration	1R, 1G, 1B LED
Color capability	281 trillion +
Color temperature	3,500° - 9,500° K (adjustable)
Refresh rate	>1,920+ Hz
LED lifetime	100,000 hours
Display intensity	7,000 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	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	10 m
Module configuration-pixels (WxH)	32 x 16
Module dimensions (WxH)	320mm x 160 mm
Panel configuration-pixels (WxH)	96 x 96
Panel dimensions (WxH)	960 mm x 960 mm
Panel depth	175 mm
Panel weight (kg)	37
Maximum power per sq.m. (watts)	980
Average power per sq.m. (watts)	392
Video Processor	LEDtronics Video processor
Operating System	Windows 7 / 10



Module: Front View



Panel: Side View



Damansara Perdana, Petaling Jaya