

Outdoor P-10m LED Video Display



Ritze Perdana 2, Damansara Perdana

LEDtronics LED-P10m 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 P10m 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 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

High Brightness LED

P-10m discrete LEDs blend color more effectively and provides up to 7,000 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.

Weather Resistant Design

P-10m front panels boast an IP-65 environmental rating to protect against wind-driven rain and dust.

Advanced Video Processing

LEDtronics 14-bit image processing provides 4.4 trillion colors capability at any brightness setting.

Video Control System

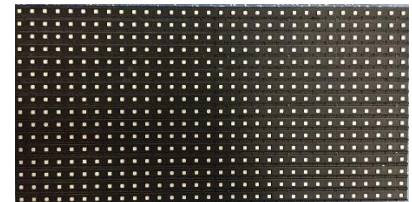
Equip with video processor (optional) that supports SDI/HDSDI input and video switcher that allows multiple input switches.

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	P-10m
Pixel pitch (mm)	10
Pixels per square meter	10,000
Color Processing Architecture	14-bit (16,384 levels)
Pixel configuration	SMD3535 3-in-1 LED
Color capability	4.4 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 compability	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 (HxW)	16 x 32
Module dimensions (HxW)	160 mm x 320 mm
Panel configuration-pixels (HxW)	96 x 96
Panel dimensions (HxW)	960 mm x 960 mm
Panel depth	150 mm
Panel weight (kg)	51
Maximum power per sq.m. (watts)	800
Average power per sq.m. (watts)	267
Video Processor (Optional)	VX2 / VX4
Operating System	Windows (2000/XP/Vista/7)



Module: Front View



Panel: Side View