

Outdoor 12mm LED Video Display



LEDtronics LED-P12m series LED Video Displays offer high-definition video quality with a 12mm 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 P12m 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-12m 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-12m 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

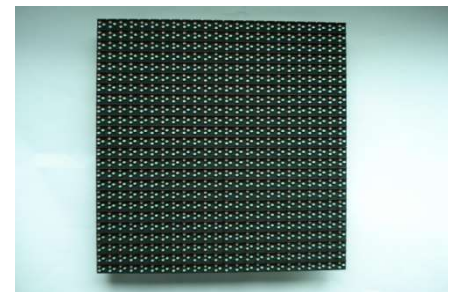
Equipped with video processor that supports SDI/HDS DI input and video switcher that allows multiple input switches.

Any Shape, Any Size

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

Technical Specifications

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| Model number | P-12m |
| Pixel pitch (mm) | 12 |
| Pixels per square meter | 6,944 |
| Color Processing Architecture | 14-bit |
| Pixel configuration | 1R, 1G, 1B LED |
| Color capability | 4.4 trillion + |
| Color temperature | 3,500° - 9,500° K (adjustable) |
| Refresh rate | 2,000+ 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 | 110° |
| Vertical viewing angle | 60° |
| 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 / IP43 |
| 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 | 12 m |
| Module configuration-pixels (WxH) | 16 x 16 |
| Module dimensions (WxH) | 192 mm x 192 mm |
| Panel configuration-pixels (WxH) | 64 x 64 |
| Panel dimensions (WxH) | 1024 mm x 1,024 mm |
| Panel depth | 175 mm |
| Panel weight (kg) | 63 |
| Maximum power per sq.m. (watts) | 750 |
| Average power per sq.m. (watts) | 300 |
| Video Processor | LEDtronics Video processor |
| Operating System | Windows 7 / 10 |



Module: Front View



Panel: Side View



CuBIG Digital Series, Bukit Bintang KL.