

## Outdoor A16 LED Video Display



**LEDtronics A16 DIP series** LED Video Displays offer high-definition video quality with a 16mm 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 A16 DIP series brings world-class technology that will capture more audience attention with enhanced features such as higher brightness, higher contrast, higher refresh rate, light weight, reduced mounting steel structure, low power consumption, quick maintenance and higher reliability.

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

A16 discrete LEDs blend color more effectively and provides up to 10,000 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

A16 DIP 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 optional video processor that supports HDMI/DP 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

<b>Model number</b>	A16
<b>Pixel pitch (mm)</b>	16
<b>Pixels per square meter</b>	3,906
<b>Color Processing Architecture</b>	14-bit
<b>Pixel configuration</b>	1R, 1G, 1B LED (DIP 346)
<b>Color capability</b>	4.4 trillion +
<b>Color temperature</b>	3,500° - 9,500° K (adjustable)
<b>Refresh rate</b>	>26,000 Hz
<b>LED lifetime</b>	100,000 hours
<b>Display intensity</b>	10,000 nits (cd/m2) adjustable
<b>Dimming capability</b>	8-bit (256 levels of brightness control)
<b>Horizontal viewing angle</b>	145°
<b>Vertical viewing angle</b>	70°
<b>Contrast ratio</b>	24,000:1
<b>Service access</b>	Rear
<b>Cabinet construction</b>	Aluminum Profile
<b>Weatherproofing features</b>	Sealed cabinet, potted modules, conformal coated display electronics
<b>Weatherproofing (front/rear)</b>	IP65 / IP54
<b>Working temperature rating</b>	-34°C to 49°C
<b>Ventilation</b>	N/A
<b>Video frame rate</b>	60 frames per second
<b>Video compatibility</b>	PAL, NTSC, HDTV
<b>Video format</b>	Composite, component, S-Video, SDI, HD-SDI
<b>Data transmission to display</b>	UTP Cat 6 up to 100m / fiber optic cable
<b>Minimum viewing distance</b>	16 m
<b>Module configuration-pixels (WxH)</b>	20 x 20
<b>Module dimensions (WxH)</b>	320 mm x 320 mm
<b>Panel configuration-pixels (WxH)</b>	120 x 90
<b>Panel dimensions (WxH)</b>	1,280 mm x 960 mm
<b>Panel depth</b>	80 mm
<b>Panel weight (kg)</b>	35
<b>Maximum power per sq.m. (watts)</b>	270
<b>Average power per sq.m. (watts)</b>	108
<b>Video Processor</b>	LEDtronics Video processor
<b>Operating System</b>	Windows 10



Panel: Rear/Front View



Jalan Tun Razak