Outdoor A16 LED Video Display

LEDtronics LED-A16 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 series brings world-class technology that will capture more audience attention with enhanced features such as higher brightness, higher resolution, 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.
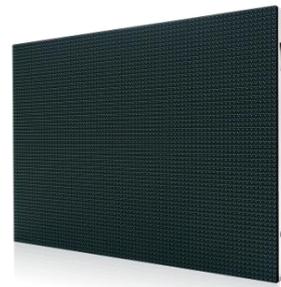
Video Control System
Equipped with optional video processor that supports HDMI/DP input and video switcher that allows multiple input switches.
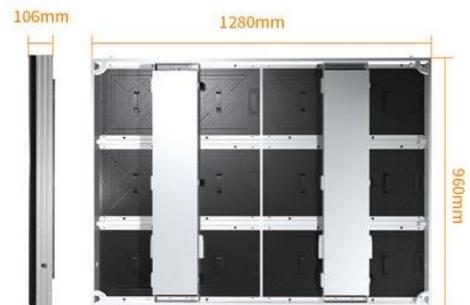
Any Shape, Any Size
Module-based design allows for unique shapes and aspect ratios while eliminating all limitations on display size.

Technical Specifications

Model number	A16
Pixel pitch (mm)	16
Pixels per square meter	3,906
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	>1,920+ Hz
LED lifetime	100,000 hours
Display intensity	10,000 nits (cd/m2) adjustable
Dimming capability	8-bit (256 levels of brightness control)
Horizontal viewing angle	120°
Vertical viewing angle	60°
Contrast ratio	1,000:1 +
Service access	Rear
Cabinet construction	Aluminum / Steel
Weatherproofing features	Sealed cabinet, potted modules, conformal coated display electronics
Weatherproofing (front/rear)	IP65 / IP54
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	10 m
Module configuration-pixels (WxH)	30 x 30
Module dimensions (WxH)	320 mm x 320 mm
Panel configuration-pixels (WxH)	120 x 90
Panel dimensions (WxH)	1,280 mm x 960 mm
Panel depth	106 mm
Panel weight (kg)	41
Maximum power per sq.m. (watts)	400
Average power per sq.m. (watts)	133
Video Processor	LEDtronics Video processor
Operating System	Windows 10

Panel: Front View

106mm 1280mm 960mm

Panel: Side and Rear View

Jalan Tun Razak

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