



LED WALL

LED wall is widely customized for large screen applications in corporate communication, brand building, and target advertising through high-impact indoor and outdoor environments with high reliability and superior image quality.

Designed in slim and lightweight, our LED wall is easy and fast to transport and install. Its magnetic backing can be mounted to any metal surface. With the low consumption heating system, it provides the maximum heat dissipation through the natural air convection without extra cooling fan or noise.

APPLICATIONS

- Advertising
- Conference
- Control room
- Digital signage
- News and information
- Sports
- Stage
- Transportation



Indoor Display

Indoor displays create the optimal viewing experience for a wide variety of viewing needs. These displays provide the highest quality image without the hassle

Advantages

- Small pixel pitch from 1mm to 1.6mm
- Indoor brightness and stable images
- Light and slim, easy to install
- No noise
- Energy saving
- Long life span
- Low maintenance cost
- Scalable to any size



Outdoor Display

Outdoor series is bright and functional with solid construction and quality components that allow the message to stand out and outshine the rest of the noise

Advantages

- From physical pixel pitch of 12mm to 26.7mm or virtual pitch from 6mm to 13.3mm
- Strong protection
- High brightness and stable images
- Wide viewing angle
- Light and slim, easy to install
- Energy saving
- Long life span

Incorporating Single Point Color Correction and Single LED Calibration technologies, the LED wall maintains brightness and chroma level throughout its running life. Adjustable constant current source ensures minimum grayscale loss for optimal image quality under various lighting environments regardless of daytime or nighttime.

By the adoption of the video processor and window controller, you are able to view images from a single source with multiple digital display terminals, satisfying the switch of different perspectives from live broadcast, advertising image, and on-scene interview.

Our LED wall is scalable to any sizes, shapes, and physical pixel pitch distances according to your needs. Integrate your environment with UAT's diversified display solutions ranging from LED wall, video wall, LCD, interactive display, projection screen, and rear projection to digital signage.

How does LED display wall work?

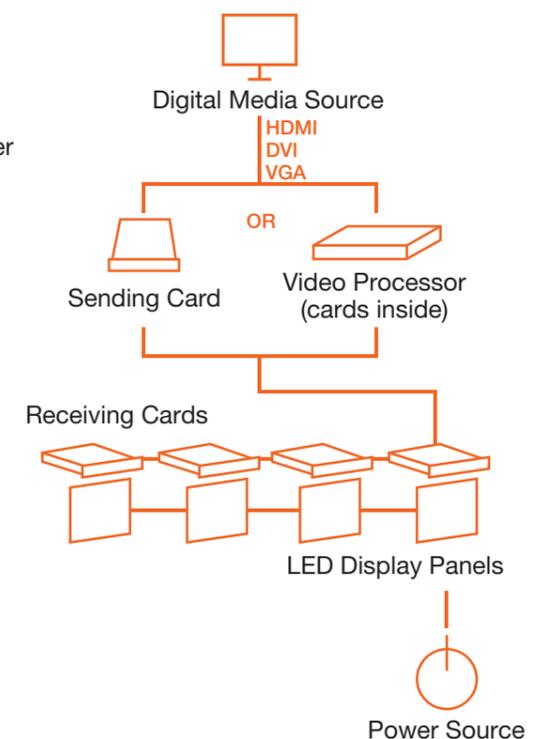
LED wall are very clear in concept. They convert what you see on a computer or television into a format accepted by LED displays. Our system is easy to assemble, use, and transport. Here's how our LED displays come together.

The Source

A computer with a video output port serves as the media source. The output, VGA, HDMI, or DVI, will plug into a conversion hub.

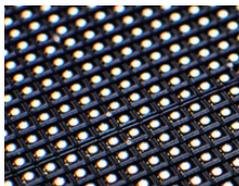
Control Unit

Signal from a computer will be converted into Ethernet signal through a sending card. Ethernet signal and media from a computer route through a converter and then pass along to the digital LED panels.



Digital LED Panels

Our LED panels are comprised of 4 main components:



1. LED Lamp Embedded Panels

Efficient light sources that can be manipulated into image.



2. Aluminum or Iron Housing Cabinets

Aluminum and iron housings provide structure, rigidity, and high IP ratings, protecting against the devices.



3. Receiving Cards

The receiving cards are responsible for processing signal and displaying them on the panels, finally displaying attractive rich media.



4. Power Units

Safely and efficiently distribute power to lights to provide a crisp and uniform image.

Hardware

Surface Mounted Device

Surface mounted devices (SMD) are 3-in-1 packages of 3 colors of red, green, and blue (RGB). The physical combination reduces the space required for output and allows for tighter pixel pitch and the millimeters between each LED diode, resulting in high-definition LED displays.

Dual In-Line Packages

Dual In-Line Packages (DIP) are units comprised of 3 individual lamps. Color intensity and brightness are higher in DIPs, allowing your LED displays to shine brightly at outdoors and competing with the sunlight to provide a comfortable view to eyes.

Accessories

- Video processors
- Sending cards
- Receiving cards
- Aircraft-grade connectors
- Locking pin
- Side hook

More Full Featured Add-on:

- Content management
- Interactive functions
- Audio system

