Indoor LED screens and indoor LED displays are widely used as screens for the use of LED video walls, or for indoor concerts. It can also be used as screen for movie theaters, cinemas and auto-cinemas, like the mega IMAX theater screens. These types of electronic LED screens are always very high in quality and the resolution is much higher than a normal outdoor electronic LED display screen. But because the quality of indoor LED display screens for the interior it needed to be higher, the price per square meter is also much more than a normal outdoor LED display screen.

We have two types of electronic screens to the interior of LEDs, which are:

1. Dot Matrix type Indoor LED screen displays
2. SMD type Indoor LED screen displays

Indoor SMD full color LED screen display is with big viewing angle uniformity brightness, high color saturation, high definition, vivid images and video, smooth result when playing the texts or images.

Indoor Full Color LED display screen, it is included in Indoor LED display series, it is composed of many LED. Indoor LED screens can display various vivid videos programmed conveniently to the user’s needs. These LED screens can also display various lighting changing effect designed by professional designer, to show endless charm of art. Most indoor screens on the market are built-in using Surface-Mounted device.

Many indoor LED screens on the market are built-in using Surface-Mounted device (SMD) technology, we have our own SMD technology patented and we call it DOT Matrix, because the three primary colors (Red, Green and Blue) are placed in the same DOT. With our new design we are also making better technology LED screens having higher and newer technology, this is also a trend that is now extending to the outdoor market, because DOT Matrix displays have more viewing angle and also a nearer capability of viewing distance.

An SMD pixel consists of 1 Red, 1 Green, and 1 Blue diodes mounted on a chipset, which is then mounted on the driver PC board. The individual diodes are smaller than a pinhead and are set very close together. The difference between normal encapsulated LEDs is that the maximum viewing distance is reduced by 25% from the discrete diode screen with the same resolution.
Indoor use generally requires a screen that is based on SMD technology and has a minimum brightness of 600 candles per square meter (cd/m², also called NITS). This will usually be more than sufficient for corporate and retail applications, but under high ambient-brightness conditions, higher brightness may be required for visibility. Fashion and auto shows are two examples of high-brightness stage lighting that may require higher LED brightness. Conversely, when a screen may appear in a shot on a television studio set, the requirement will often be for lower brightness levels with lower color temperatures (common displays have a white point of 6500 to 9000 K, which is much bluer than the common lighting on a television production set).

The brightness and high resolution of Vegas LED Screens Indoor LED screens can be used to good effect indoors. These include shopping malls, trade shows, concerts, exhibitions, conferences, indoor sporting events among others.