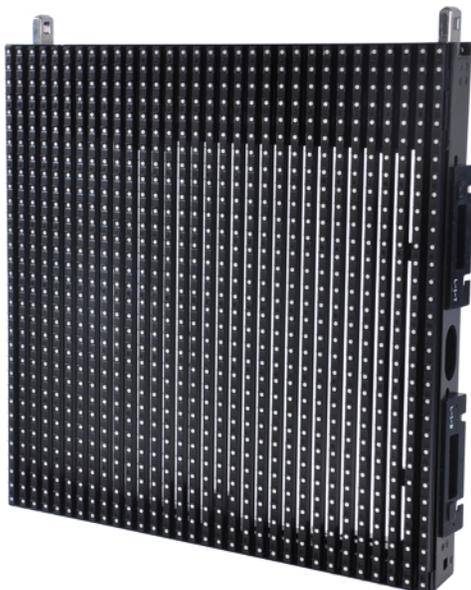


| ST-18P



Presentation

With thousands of modules sold over the world and hundreds of events per year, the Visualed ST-18P LED video screen is quickly becoming a standard of the industry, by far superior to products in much higher price range. Its success is due in a large part to the quality of the construction and components used. Our strict quality control process guarantees colorimetric accuracy and consistency across tiles, a critical detail way too often overlooked by the competition.

The ST-18P LED tiles offers designers an endless array of possibilities when it comes to creating a video surface that has never been possible before with conventional products. A clever system makes it possible to achieve positive and negative angles ranging for 0 to 15 degrees between each tile, and the quick and safe rigging allows heights of up to 20 modules at high safety factor.

The oversized power supply guarantees optimal brightness through the whole lifetime of the LEDs. All the electronics are stored in a single, easy-access enclosure, which makes servicing and maintenance an easy task.

Display specifications

- Pixel pitch : 18mm
- Brightness : 4 800 nits
- LED configuration : 3-in-1 SMD (5050)
- Viewing angle : Vertical more than 100 degrees, Horizontal: 140 degrees
- Transparency : 35% including PSU
- Lifetime : 50,000 hours at 70% intensity, full white
- Colours : 180 trillions
- Refresh rate : Variable, to 1100 Hz, flicker-free
- Color processing : 16 bit
- Control software : LEDStudio10

Electronics

- Power consumption : 300W max per module / 100W average in normal use
- Voltage input : 90 to 260 VAC, 50-60Hz auto switching
- LED drive : Constant voltage, current-driven
- Cooling : Passive (no fans)
- Connections (power) : 20A Powercon in and out
- Connections (signal) : Ethercon (RJ45) in and out

Hardware

- Rigging : Vertical click 'n rig system, horizontal fast fit side locking system
- Rigging rating : 10:1 for 20 modules high, TÜV strength test report
- Outdoor protection rating : IP65 IEC / EN60529 (weatherproof for outdoor rental)
- Front finish : Anti-reflective black plastic panel
- Curve : Ranging from 0 to 15 degrees, positive or negative
- Size : 576mm x 576mm x 85mm (22.7" x 22.7" x 3.4")
- Weight : 10 kg per module (21 lbs)