

RGB Screens



Indoor full colour specifications

| Model | ST211-6 | ST211-8 | ST211-10 | ST211-12 | ST211-15 |
|----------------------------------|--------------------------------|----------------|----------------|---------------|---------------|
| Pitch | 6mm | 8mm | 10mm | 12mm | 15mm |
| Module Size (mm) | 288 x 576 | 384 x 768 | 480 x 640 | 576 x 768 | 360 x 480 |
| Pixels per module | 48 x 96 = 4608 | 48 x 96 = 4608 | 48 x 64 = 3072 | 16 x 32 = 512 | 24 x 32 = 768 |
| Dots per m2 | 27775 | 15625 | 10000 | 6889 | 4399 |
| Configuration | 1R/1G/1B | 1R/1G/1B | 1R/1G/1B | 2R/1G/1B | 2R/2G/2B |
| Colour Grades | 16.77 million | | | | |
| Brightness per sq.m (NITS) | 1500 | 1500 | 1500 | 1500 | 1500 |
| Total LED life (hours) | 100000 | | | | |
| Visible Angle (degrees) | 150° Horizontal / 60° Vertical | | | | |
| Viewing distance (m) | 6 - 1000 | 8 - 1000 | 10 - 1000 | 12 - 1000 | 12 - 1000 |
| Video Quality | Top | Top | Excellent | Very Good | Very Good |
| Video Input | Pal, Secam, NTSC, VGA | | | | |
| Refresh Rate | 60 frames per second | | | | |
| Operating Temperatures (Celcius) | -25° to +85° | | | | |
| Max. power per module | 550w | 550w | 350w | 350w | 250w |
| Weight per module | 10kg | 12kg | 15kg | 25kg | 20kg |

Remarks

Modules must be assembled together and fixed on a steel frame to constitute a screen
 Minimum viewing distance means the distance from where the screen looks dot free, and maximum is the distance from where the screen light could still be seen during the day.

Brightness adjustment is done by automatic sensor

Modules constitute the screens "body". The "brain" is called "controller" and consists of a special PC

Communication is done by data or fibre optic cable, or remotely via high speed internet

Metric conversion: 25mm = 1", 1m = 1.1 yards, 1kg = 2.2 lbs, 0°C = 32°F