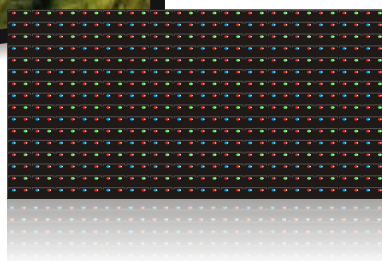


Infinity 12.5mm EVP RGB Video Display



Reference Display
 5'-1" x 9'-1"
 112 x 208 EV resolution



Optec's premier Infinity video displays offer the ultimate in outdoor LED display performance. Superior video processing delivers lifelike 3D quality images, crystal clear resolution and brilliant, vibrant colors. Rugged IP65 rated aluminum enclosures provide solid protection against environmental contaminants and harsh weather conditions.

The Infinity 12.5mm EVP RGB display uses Optec's exclusive Enhanced Visual Pitch (EVP) system to achieve superb image clarity and sharp video quality. Capable of generating HD quality video and brilliant color, even in direct sunlight.

Suitable for outdoor advertising, entertainment, sports or commercial applications. Advanced options such as redundant data signals, self-diagnostics system, backup power supplies and pixel level screen calibration are available.

Specifications

| | |
|------------------------------------|---------------------------------------|
| Color Processing Capability..... | 16 bit, 281 trillion colors |
| Viewability..... | 140 degrees horizontal |
| Graphic Capability..... | Text, animation, pictures and video |
| Live Video Formats..... | Composite, S-Video (optional upgrade) |
| Control Software..... | Media Editor Package |
| Display Dimming..... | 100 levels |
| Scan Rate..... | 300+Hz (Variable) |
| Contrast Ratio..... | 1,000:1 |
| Frame Rate..... | 60 frames per second |
| Power..... | 120 / 240 AC, single phase |
| Average LED Life..... | 100,000 hrs |
| Service Access..... | Front (standard) or rear (optional) |
| Cabinet Construction..... | Aluminum (Corrosion Resistant) |
| Weatherproofing (Front/Rear)..... | IP65 / IP54 |
| Contrast Enhancement..... | LED louvers |
| Manufacturing Quality Standard.... | ISO 9001 |
| UL Listed..... | ETL / UL48 |
| Product Warranty..... | 5 year parts & factory labor |

Optec Advantages

- ✦ **Windows PC controller for optimal video performance**
- ✦ **Super bright LEDs bin selected for consistency in wavelength and brightness**
- ✦ **Waterproof IP65 rated corrosion resistant aluminum enclosures**
- ✦ **Automatic brightness adjustment for optimum visibility and efficiency**
- ✦ **ISO:9001 manufacturing quality standards**
- ✦ **Easy to use control software**
- ✦ **5 Year warranty standard**

Model INF-12.5V-RGB (12.5mm EV Pitch)



Model Specifications

| | |
|--------------------------|---------------------------|
| Line / Column Spacing | 12.5mm |
| LEDs / Pixel | (4) 2R-1G-1B |
| LED Density | 4,800 LEDs/M ² |
| Calibrated Brightness | 7,000 NITs |
| Module Matrix | 8(h) x 16(w) |
| Watts / EV Pixel | 0.092w |
| Minimum Character Height | 4" |

Communications

- Wireless Ethernet
- Ethernet
- Fiber Optic
- Power Line Communications
- Broadband Internet
- Live Video Feed (optional)

Minimum Viewing Distance = 25'

Diode Density - 595 LEDs / sq. ft.

Media Editor Software Suite



Cabinet Width (ft.) 5.7 6.4 7.0 7.7 8.3 9.0 9.7 10.3 11.0 11.6 12.3 12.9 13.6 14.2 14.9 15.6 16.2 16.9 17.5 18.2 18.8 19.5

EV Pixel Columns 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 384 400 416 432 448 464

Cabinet Height (ft.)

EV Pixel Rows

Matrix / Dimension Calculator

Use this chart to convert display dimensions (cabinet height & width) to pixel matrix values.

Example : 7.0' x 12.3' = 160 x 288 EVP Matrix

Watts / EV Pixel = 0.092

Calculating watts per face = Pixel height x pixel width x watts per pixel
(For the display example above - 160 x 288 x 0.092 = 4,239.36 max. watts per face)

| | |
|------|-----|
| 4.4 | 96 |
| 4.7 | 104 |
| 5.1 | 112 |
| 5.4 | 120 |
| 5.7 | 128 |
| 6.0 | 136 |
| 6.4 | 144 |
| 6.7 | 152 |
| 7.0 | 160 |
| 7.4 | 168 |
| 7.7 | 176 |
| 8.0 | 184 |
| 8.3 | 192 |
| 8.7 | 200 |
| 9.0 | 208 |
| 9.3 | 216 |
| 9.7 | 224 |
| 10.0 | 232 |
| 10.3 | 240 |
| 10.6 | 248 |
| 11.0 | 256 |
| 11.3 | 264 |

* All product specifications subject to change without notice.