

Infinity 34mm RGB Video Display



Reference Model
 4'-11" x 9'-5"
 40 x 80 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 34mm RGB display is designed for larger screens at long viewing distances and is capable of high 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-34-RGB (34mm Pitch)



Model Specifications

Physical Pitch	34mm
LEDs / Pixel	(6) 2R-2G-2B
LED Density	5,190 LEDs/M ²
Calibrated Brightness	7,000 NITs
Module Matrix	8(h) x 8(w)
Max.Watts / Pixel	0.652w
Min Character Height	9.4"

Communications

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

Minimum Viewing Distance = 68'

Diode Density - 482 LEDs / sq. ft.

Media Editor Software Suite



Cabinet Width (ft.) 7.6 8.5 9.4 10.3 11.2 12.1 13.0 13.9 14.7 15.6 | 16.5 | 17.4 18.3 19.2 20.1 21.0 21.9 22.8 23.7 24.6 25.5 26.3

Pixel Width 64 72 80 88 96 104 112 120 128 136 | 144 | 152 160 168 176 184 192 200 208 216 224 232

Cabinet Height (ft.)	Pixel Height
5.8	48
6.3	52
6.7	56
7.2	60
7.6	64
8.1	68
8.5	72
8.9	76
9.4	80
9.8	84
10.3	88
10.7	92
11.2	96
11.6	100
12.1	104
12.5	108
13.0	112
13.4	116
13.9	120
14.3	124
14.7	128
15.2	132

Matrix / Dimension Calculator

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

Example : 9.4' x 16.5' = 80 x 144 Matrix

Watts / Pixel = 0.652

Calculating watts per face = Pixel height x pixel width x watts per pixel
 (For the display example above - 80 x 144 x 0.652 = 7,511.04 max. watts per face)

* All product specifications subject to change without notice.