

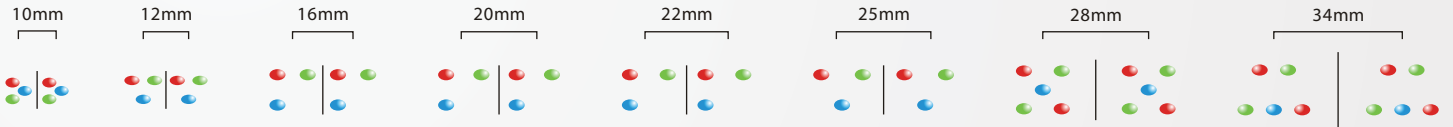
# Infinity RGB Video Series



Optec's premier Infinity video display line offers 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 waterproof enclosures provide solid protection against moisture, environmental contaminants and harsh weather conditions.

Available in configurations from storefront displays to digital billboards and large format video screens.

## Standard Pixel Pitch Configurations



\* Pixel layouts for illustration purposes only. Actual layouts may vary

## 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)
- Contrast Enhancement.....Individual louvers over each diode
- Manufacturing Quality Standard.....ISO 9001
- UL Listed.....ETL / UL48
- Product Warranty .....5 year parts & factory labor



[www.YourSignageSource.com](http://www.YourSignageSource.com)  
[Sales@YourSignageSource.com](mailto:Sales@YourSignageSource.com)

**276-930-1509**



## Infinity RGB Video Series

### Model INF-10-RGB (10mm Pitch)

Physical Pitch	10mm
LEDs / Pixel	1(R)-1(G)-1(B)
LED Density	30,000 LEDs/M <sup>2</sup>
Calibrated Brightness	13,000 NITs
Module Matrix	8(h) x 16(w)
Max.Watts / Pixel	0.14w
Minimum Character Height	2.8"

### Model INF-12-RGB (12mm Pitch)

Physical Pitch	12mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	20,833 LEDs/M <sup>2</sup>
Calibrated Brightness	12,000 NITs
Module Matrix	8(h) x 16(w)
Max.Watts / Pixel	0.365w
Minimum Character Height	3.3"

### Model INF-16-RGB (16mm Pitch)

Physical Pitch	16mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	11,719 LEDs/M <sup>2</sup>
Calibrated Brightness	12,000 NITs
Module Matrix	8(h) x 16(w)
Max.Watts / Pixel	0.365w
Minimum Character Height	4.4"

### Model INF-20-RGB (20mm Pitch)

Physical Pitch	20mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	7,500 LEDs/M <sup>2</sup>
Calibrated Brightness	10,000 NITs
Module Matrix	8(h) x 16(w)
Max.Watts / Pixel	0.365w
Minimum Character Height	5.5"

### Model INF-22-RGB (22mm Pitch)

Physical Pitch	22mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	6,198 LEDs/M <sup>2</sup>
Calibrated Brightness	7,950 NITs
Module Matrix	4(h) x 8(w)
Max.Watts / Pixel	0.365w
Minimum Character Height	6"

### Model INF-25-RGB (25mm Pitch)

Physical Pitch	25mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	4,800 LEDs/M <sup>2</sup>
Calibrated Brightness	6,000 NITs
Module Matrix	4(h) x 8(w)
Watts / Pixel	0.365w
Minimum Character Height	6.9"

### Model HYB-28-RGB (28mm Pitch)

Physical Pitch	28mm
LEDs / Pixel	(5) 2R-2G-1B
LED Density	6,376 LEDs/M <sup>2</sup>
Calibrated Brightness	9,500 NITs
Module Matrix	8(h) x 8(w)
Max.Watts / Pixel	0.569w
Min Character Height	7.7"

### Model INF-34-RGB (34mm Pitch)

Physical Pitch	34mm
LEDs / Pixel	(5) 2R-2G-1B
LED Density	4,325 LEDs/M <sup>2</sup>
Calibrated Brightness	7,000 NITs
Module Matrix	4(h) x 8(w)
Max.Watts / Pixel	0.652w
Min Character Height	9.4"

\* All product specifications subject to change without notice.



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[Sales@YourSignageSource.com](mailto:Sales@YourSignageSource.com)

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