

Infinity SMD 10mm RGB Video Display



Reference Display
 4'-9" x 9'-5"
 144 x 288 resolution

For the ultimate in dazzling clarity and image quality, Optec's high definition SMD series delivers true HD-TV quality video on a mega scale! Advanced features include wide 140° vertical and horizontal viewing angles, dual data chain technology for flawless performance, color calibration, self-diagnostics and live video capabilities.

Designed for large scale displays and near viewing, the Infinity 10mm RGB display delivers HD quality video and rich, brilliant image quality to indoor environments. Suitable for live video, television broadcast, digital signage, advertising, spectaculars, sports or commercial applications.

Specifications

Color Processing Capability.....	16 bit, 281 trillion colors
Viewability.....	140° horizontal x 140° vertical
Graphic Capability.....	Text, animation, pictures and video
Live Video Formats.....	Composite, S-Video (optional upgrade)
Control Software.....	Media Editor Package
Refresh Rate.....	> 300hz
Contrast Ratio.....	1,000:1
Frame Rate.....	60 frames per second
Voltage.....	110 / 220 AC, 50 / 60Hz
Estimated LED Lifetime.....	100,000 hrs
Communications.....	Fiber optic / cat5 data cable
Service Access.....	Steel (front and rear), Aluminum (rear only)
Cabinet Construction.....	Steel or aluminum
IP Rating.....	IP30
Manufacturing Quality Standard...	ISO 9001
UL Listed.....	ETL / UL48
Product Warranty.....	5 year parts & factory labor

Optec Advantages

- ✦ **Dual data chain technology**
- ✦ **Pixel level calibration**
- ✦ **Self diagnostic capabilities**
- ✦ **Backup power supply system**
- ✦ **ISO:9001 manufacturing quality standards**
- ✦ **Easy to use control software**
- ✦ **5 Year warranty standard**

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



Model Specifications

Physical Pitch	10mm
LEDs / Pixel	3-in-1 SMD
LED Density	10,000 LEDs/M ²
Calibrated Brightness	2,000 NITs
Module Matrix	16(h) x 16(w)
Max.Watts / Pixel	0.085w
Minimum Character Height	2.8"

Communications

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

Minimum Viewing Distance = 20'

Diode Density - 929 LEDs / sq. ft.

Media Editor Software Suite



Cabinet Width (ft.) 2.1 2.6 3.1 3.7 4.2 4.7 5.2 5.8 6.3 6.8 7.3 7.9 8.4 8.9 9.4 10.0 10.5 11.0 11.5 12.1 12.6 13.1

Pixel Width 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 384 400

Cabinet Height (ft.)

Pixel Height

Matrix / Dimension Calculator

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

Example : 5.8' x 7.3' = 176 x 224 Matrix

Watts / Pixel = 0.17

Calculating watts per face = Pixel height x pixel width x watts per pixel
(For the display example above - 176 x 224 x 0.17 = 6,702.08 max. watts per face)

* All product specifications subject to change without notice.