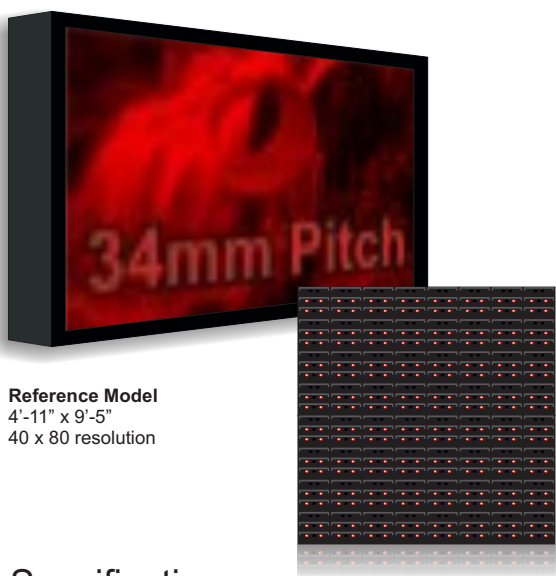


Infinity 34mm Grayscale Video Display



Reference Model
 4'-11" x 9'-5"
 40 x 80 resolution

The energy efficient Optec Infinity grayscale monochrome LED video display is the perfect balance between photographic/video quality imagery and affordable monochrome prices. Realistic graphics and high brightness deliver reliable, effective communications.

The Infinity 34mm Grayscale video display is designed for longer roadside viewing distances and is capable of smooth video and transition effects. Suitable for commercial, educational or religious applications.

Specifications

Color Processing Capability.....	256 shades (grayscale)
Standard Colors.....	Red / Amber
Viewability.....	120 degrees horizontal
Graphic Capability.....	Text, animation, pictures and video
Control Software.....	Media Editor Package
Display Dimming.....	100 levels
Contrast Ratio.....	1,000:1
Frame Rate.....	60 frames per second
Voltage.....	110 / 220 AC, 50 / 60Hz
Diode Type.....	Superbright
Average LED Life.....	100,000 hrs
Service Access.....	Front or rear
Cabinet Construction.....	Aluminum (Corrosion Resistant)
Weatherproofing (Front/Rear).....	IP65 / IP54
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**
- ✦ **Superbright LEDs bin selected for consistency in wavelength and brightness**
- ✦ **Waterproof IP65 rated corrosion resistant aluminum enclosures**
- ✦ **Computer modeled LED louvers for maximum contrast & color depth**
- ✦ **ISO:9001 manufacturing quality standards**
- ✦ **Easy to use control software**
- ✦ **5 Year warranty standard**

Model INF-34-R/Y-G (34mm Pitch)



Model Specifications

Physical Pitch	34mm
LEDs / Pixel	4(R) / 6(Y)
LED Density	3,460(R) / 5,190(Y) LEDs/M ²
Brightness	5,000 NITs Min.
Module Matrix	8(h) x 8(w)
Boot Up Watts / Pixel	0.315w
Regular Operating Watts / Pixel	0.141w
Min Character Height	9.4"

Communications

- Wireless Ethernet
- Ethernet
- Fiber Optic
- Power Line Communications
- Broadband Internet

Minimum Viewing Distance = 68'

Diode Density - 321(R) / 482(Y) 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

4.0 32
4.9 40
5.8 48
6.7 56
7.6 64
8.5 72
9.4 80
10.3 88
11.2 96
12.1 104
13.0 112
13.9 120
14.7 128
15.6 136
16.5 144
17.4 152
18.3 160
19.2 168
20.1 176
21.0 184
21.9 192
22.8 200

Matrix / Dimension Calculator

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

Example : 11.2' x 16.5' = 96 x 144 Matrix

Watts / Pixel = 0.386

Calculating watts per face = Pixel height x pixel width x watts per pixel
(For the display example above - 96 x 144 x 0.386 = 5,336.06 watts per face)

* All product specifications subject to change without notice.