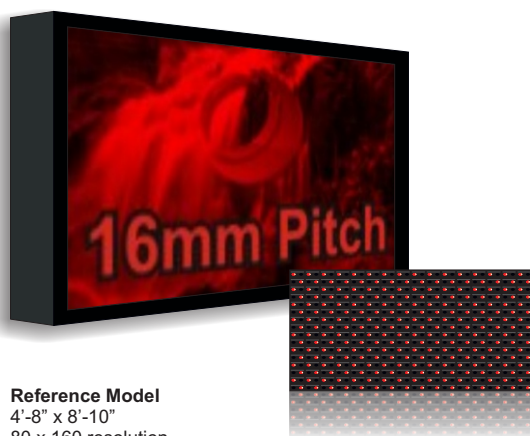


Infinity 16mm Grayscale Video Display



Reference Model
 4'-8" x 8'-10"
 80 x 160 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 16mm Grayscale video display is designed for close viewing areas or where high clarity is required, even in smaller screens 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-16-R/Y-G (16mm Pitch)



Model Specifications

Physical Pitch	16mm
LEDs / Pixel	(2)
LED Density	7,813 LEDs/M ²
Brightness	8,000 NITs
Module Matrix	8(h) x 16(w)
Boot Up Watts / Pixel	0.115w
Regular Operating Watts / Pixel	0.051w
Minimum Character Height	4.4"

Communications

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

Minimum Viewing Distance = 32'

Diode Density - 726 LEDs / sq. ft.

Media Editor Software Suite



Cabinet Width (ft.)	3.8	4.7	5.5	6.3	7.2	8.0	8.9	9.7	10.5	11.4	12.2	13.1	13.9	14.7	15.6	16.4	17.3	18.1	18.9	19.8	20.6	21.5
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Pixel Width	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320	336	352	368	384	400
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Cabinet Height (ft.)

Pixel Height

2.1	32
2.6	40
3.0	48
3.4	56
3.8	64
4.2	72
4.7	80
5.1	88
5.5	96
5.9	104
6.3	112
6.8	120
7.2	128
7.6	136
8.0	144
8.4	152
8.9	160
9.3	168
9.7	176
10.1	184
10.5	192
11.0	200

Matrix / Dimension Calculator

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

Example : 5.5' x 12.2' = 96 x 224 Matrix

Watts / Pixel = 0.142

Calculating watts per face = Pixel height x pixel width x watts per pixel
(For the display example above - 96 x 224 x 0.142 = 3,053.56 max. watts per face)

* All product specifications subject to change without notice.