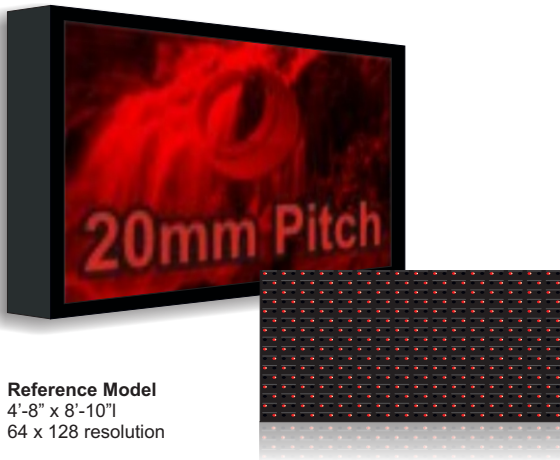


Infinity 20mm Grayscale Video Display



Reference Model
 4'-8" x 8'-10"
 64 x 128 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 20mm Grayscale video display is designed for near viewing areas or where better clarity is required, 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-20-R/Y-G (20mm Pitch)



Model Configurations

Physical Pitch	20mm
LEDs / Pixel	(2)
LED Density	5,000 LEDs/M ²
Brightness	5,000 NITs
Module Matrix	8(h) x 16(w)
Boot Up Watts / Pixel	0.115w
Regular Operating Watts / Pixel	0.051w
Minimum Character Height	5.5"

Minimum Viewing Distance = 40'

Diode Density - 465 LEDs / sq. ft.

Media Editor Software Suite



Communications



Wireless Ethernet



Ethernet



Fiber Optic



Power Line Communications



Broadband Internet

Cabinet Width (ft.)	4.7	5.7	6.8	7.8	8.9	9.9	11.0	12.0	13.1	14.1	15.2	16.2	17.3	18.3	19.4	20.4	21.5	22.5	23.6	24.6	25.7	26.7	
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	<div>Matrix / Dimension Calculator</div> <div>Use this chart to convert display dimensions (cabinet height & width) to pixel matrix values.</div>																					
2.6	32																						
3.1	40																						
3.6	48																						
4.1	56																						
4.7	64																						
5.2	72																						
5.7	80																						
6.2	88																						
6.8	96	Example : 7.8' x 14.1' = 112 x 208 Matrix																					
7.3	104																						
7.8	112																						
8.3	120																						
8.9	128	Watts / Pixel = 0.142																					
9.4	136																						
9.9	144	Calculating watts per face = Pixel height x pixel width x watts per pixel																					
10.4	152	(For the display example above - 96 x 208 x 0.142 = 2,835.45 watts per face)																					
11.0	160																						
11.5	168																						
12.0	176																						
12.5	184																						
13.1	192																						
13.6	200																						

* All product specifications subject to change without notice.