

Impact CV 34mm RGB Video Display



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

The Impact CV 34mm RGB display provides full featured video display capabilities housed in a rugged outdoor durable aluminum cabinet, designed to provide years of trouble free service. The CV series is controlled by Optec's new ViViD software package that supports common video formats such as AVI, MPEG, MP4, FLV and more into a simple, easy to program interface.

Designed for longer viewing distances, the Impact CV 34mm RGB display is capable of smooth video and brilliant color, even in direct sunlight. Suitable for commercial, institutional and outdoor advertising applications.

Specifications

Display Data Processing.....	16 bit
Color Processing.....	24 bits, 16.7 million
Color Palette.....	281 trillion colors
Viewability.....	140 degrees horizontal
Graphic Capability.....	Text, animations & video
Control Software.....	ViViD software suite
Display Dimming.....	100 levels
Video Frame Rate.....	30 frames per second
Video Processing Speed.....	633 MHz
Voltage.....	110 / 220 AC, 50 / 60Hz
Average LED Life.....	100,000 hrs
Service Access.....	Front hinged with gas struts
Cabinet Construction.....	Extruded 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

- ✦ **Embedded Linux controller for stability and reliable performance**
- ✦ **Super bright LEDs bin selected for consistency in wavelength and brightness**
- ✦ **Waterproof IP65 rated corrosion resistant aluminum enclosures**
- ✦ **Automatic brightness adjustment for optimum visibility and efficiency**
- ✦ **ISO:9001 manufacturing quality standards**
- ✦ **Easy to use control software**
- ✦ **5 Year warranty standard**

* All product specifications are subject to change without notice

Model CV-34-RGB (34mm Pitch)



Model Specifications

Physical Pitch	34mm
LEDs / Pixel	(6) 2R-2G-2B
LED Density	5,190 LEDs/M ²
Brightness	7,000 NITs
Module Matrix	8(h) x 8(w)
Boot-Up Watts / Pixel	0.652w
Regular Operating Watts / Pixel	0.293w
Min Character Height	9.4"
Maximum Pixel Matrix	40h x 88w

Communications

- Wireless Ethernet
- Ethernet
- Fiber Optic
- Broadband Internet

Minimum Viewing Distance = 68'

ViViD Software Suite

Diode Density - 482 LEDs / sq. ft.



Cabinet Width (ft.)		7.6	8.5	9.4	10.3
Pixel Width		64	72	80	88
Cabinet Height (ft.)	Pixel Height	<p>Matrix / Dimension Calculator</p> <p>Use this chart to convert display dimensions (cabinet height & width) to pixel matrix values.</p> <p>Example : 4.9' x 10.3' = 40 x 88 Matrix</p> <p>Operating Watts / Pixel = 0.293w</p> <p>Calculating watts per face = Pixel height x pixel width x watts per pixel (For the display example above - 40 x 88 x 0.293 = 1031.36 watts per face)</p>			
	4.0				
4.9	40				

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