

# Impact CV RGB Video Series

The CV Series 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. This is the ideal display for customers who want the impact of full color video at an economical price. Utilizes an embedded Linux operating system, increasing reliability and protection from Windows viruses and Trojan horses.

Available in single enclosure configurations up to 5'h x 10.5'w.

## Standard Pixel Pitch Configurations



\* Pixel layouts for illustration purposes only. Actual layouts may vary.

## 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

\* All product specifications are subject to change without notice



## Impact CV RGB Video Series



### Model CV-12-RGB (12mm Pitch)

Physical Pitch	12mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	20,833 LEDs/M <sup>2</sup>
Brightness	12,000 NITs
Module Matrix	8(h) x 16(w)
Boot-Up Watts / Pixel	0.166w
Regular Operating Watts / Pixel	0.074w
Minimum Character Height	3.3"
Maximum Pixel Matrix	112h x 240w

### Model CV-16-RGB (16mm Pitch)

Physical Pitch	16mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	11,719 LEDs/M <sup>2</sup>
Brightness	12,000 NITs
Module Matrix	8(h) x 16(w)
Boot-Up Watts / Pixel	0.306w
Regular Operating Watts / Pixel	0.137w
Minimum Character Height	4.4"
Maximum Pixel Matrix	88h x 192w

### Model CV-20-RGB (20mm Pitch)

Physical Pitch	20mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	7,500 LEDs/M <sup>2</sup>
Brightness	9,600 NITs
Module Matrix	8(h) x 16(w)
Boot-Up Watts / Pixel	0.306w
Regular Operating Watts / Pixel	0.137w
Minimum Character Height	5.5"
Maximum Pixel Matrix	72h x 144w

### Model CV-25-RGB (25mm Pitch)

Physical Pitch	25mm
LEDs / Pixel	(3) 1R-1G-1B
LED Density	4,800 LEDs/M <sup>2</sup>
Brightness	6,000 NITs
Module Matrix	8(h) x 8(w)
Boot-Up Watts / Pixel	0.365w
Regular Operating Watts / Pixel	0.164w
Minimum Character Height	6.9"
Maximum Pixel Matrix	56h x 112w

### Model CV-34-RGB (34mm Pitch)

Physical Pitch	34mm
LEDs / Pixel	(6) 2R-2G-2B
LED Density	5,190 LEDs/M <sup>2</sup>
Brightness	6,500 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

\* All product specifications subject to change without notice.