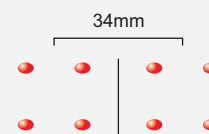
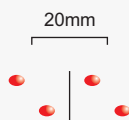
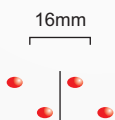


Impact GV Grayscale Video Series

The GV Series provides full featured video display capabilities housed in a rugged outdoor durable aluminum cabinet, designed to provide years of trouble free service. The GV 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 grayscale 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.....	8 bits
Color Palette.....	256 shades (grayscale)
Standard Colors.....	Red / Amber
Viewability.....	120 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 GV Grayscale Video Series



Model GV-16-R/Y-G (16mm Pitch)

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"
Maximum Pixel Matrix	88h x 192w

Model GV-20-R/Y-G (20mm Pitch)

Physical Pitch	20mm
LEDs / Pixel	(2)
LED Density	5,000 LEDs/M ²
Brightness	5,000 NITs
Module Matrix	8(h) x 8(w)
Boot-Up Watts / Pixel	0.115w
Regular Operating Watts / Pixel	0.051w
Minimum Character Height	5.5"
Maximum Pixel Matrix	72h x 144w

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

Physical Pitch	34mm
LEDs / Pixel	4(R) / 6(A)
LED Density	3,460(R) / 5,190(A) LEDs/M ²
Brightness	5,000 NITs Min.
Module Matrix	8(h) x 8(w)
Boot-Up Watts / Pixel	0.358w
Regular Operating Watts / Pixel	0.161w
Min Character Height	9.4"
Maximum Pixel Matrix	40h x 88w

* All product specifications subject to change without notice.