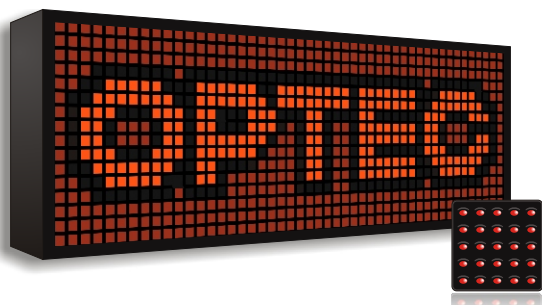


Impact GT 89mm Grayscale Text Display



Reference Model
 2'-3" x 5'-10"
 16 x 48 resolution

The Impact GT Grayscale Text Series provides powerful communications and full featured display functionality. The all new Iris software package allows users to program simple text messages over grayscale animated backgrounds and graphic illustrations. This display is the economical choice for business owners, schools, churches and institutional customers who want an easy to program, reliable display that's affordable for every budget.

The 89mm pixel pitch display is designed for text messages or long viewing distances. Applications include commercial, civic, educational, religious, industrial and directional/wayfinding.

Available in resolutions up to 48 x 256.

Specifications

Color Processing Capability.....	256 shades of red or amber
Viewability.....	120 degrees horizontal
Graphic Capability.....	Multiple fonts, logos & GIF animations
Control Software.....	Iris Software Suite
Display Dimming.....	100 levels
Animation Frame Rate.....	30 frames per second
Display Frame Rate.....	60 frames per second
Display Refresh Rate.....	300 frames per second
Voltage.....	110 / 220 AC, 50 / 60Hz
Average LED Life.....	100,000 hrs
Service Access.....	Front
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

- ✦ **High performance, high quality, competitive pricing**
- ✦ **Includes professionally designed animation & background library**
- ✦ **Superbright 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**

Model GT-89-R/Y (89mm Pitch)



Model Specifications

Physical Pitch	89mm
LEDs / Pixel	(25)
LED Density	3,154 LEDs/M ²
Calibrated Brightness	3,200 NITs
Module Matrix	8(h) x 8(w)
Max.Watts / Pixel	1.708w
Min Character Height	24.5"

Communications

- Wireless Ethernet
- RS 485
- Fiber Optic Modem
- DSL / Cable Internet
- Dial-Up Modem

Minimum Viewing Distance = 178'

Diode Density - 293 LEDs / sq. ft.

Iris Software Suite



Cabinet Width (ft.)	9.8	14.5	19.2	23.8	28.5	33.2	37.8	42.5	47.2	51.9	56.5	61.2	65.9	70.5	75.2
Pixel Width	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256

Cabinet Height (ft.)	Pixel Height	Matrix / Dimension Calculator
2.8	8	Use this chart to convert display dimensions (cabinet height & width) to pixel matrix values. Example : 7.5' x 42.5' = 24 x 144 Matrix Watts / Pixel = 1.708 Calculating watts per face = Pixel height x pixel width x watts per pixel (For the display example above - 24 x 144 x 1.708 = 5,902.84 max. watts per face)
5.1	16	
7.5	24	
9.8	32	
12.1	40	
14.5	48	

Standard Presentation Modes



Text Only with Transitions



Text and Animated or Static Graphics



Animated or Static Graphics

* All product specifications subject to change without notice.