# ip displays™

## Innovative Web-Based Smart LED Displays

- Cost Efficient
- Server-free Solution
- Open Interface
- Rapid Deployment
- Remote "Snapshot"

# Company Overview

Welcome to IPdisplays™!  IPdisplays™ is the leading developer of customizable, intelligent LED displays that accommodate both graphics and text-based messages in multiple configurable formats, without the need for a PC.  IPdisplays™ was founded in 2005 by three entrepreneurs with extensive experience in LED display technology and programming, XML, Web services, and software development. Since its inception, IPdisplays™ has developed a strong product family of smart LED displays in multiple shapes and sizes.  These smart signs have been developed from the ground up to communicate messages, real-time information, and data to management and workers in industries such as warehouse and distribution management, manufacturing operations, call centers, and more.

# IP displays™ Technology Overview

IPdisplays™ manufactures smart LED signs with self-contained microprocessors that eliminate the need for a PC to "drive" them.  Instead, using the onboard microprocessor and software developed by IPdisplays™, these smart LED signs can intelligently pull information from a variety of sources, or receive information pushed to them, to display anything from manufacturing production information to worker productivity statistics, call wait times…virtually anything that management and workers need to know to maintain productivity.

Smart LEDs from IPdisplays™ use Internet Protocols (IP) and Web services as the means of communicating and gathering information needed to populate the signs with dynamic, real-time data.

# Features & Benefits

IPdisplays™' smart LED signs offer a variety of notable features and benefits, including:

- **Intuitive User Interface:** Save time with the ability to rapidly configure the display. Ultra-friendly, menu-based user interface that is similar in operation to most commercial programs.

- **Dynamic Sign Layouts:** Provides unprecedented flexibility in how to display your information. Use a wide array of options for the number of zones and data elements. Multiple layouts may be used to convey all the information you desire.

- **Multiple Color Options:** Easily differentiate between messages, data, and their importance with the use of color and blinking. Graphics and text may be configured with red, green, or amber colors. Blinking can add further impact on a pixel-by-pixel basis.

- **Text and Graphics:** Configure messages easily with a word processor-style interface. Multiple font styles and colors are available to format messages. Bitmap images also are easily imported and inserted into messages. Effects also are easily applied to messages.

- **Ultra-bright LED technology:** These signs offer 8mm pitch LEDs for optimal viewing and readability from a distance.

- **Self-contained, Plug-and-Play System:** No need for an extra PC or intermediate software to drive the system. IPdisplays' signs are shipped with everything needed to begin operation after installation.

- **Browser-based Interface:** Providing the maximum ease of use and operation. Users can manage their displays from a simple Web browser anywhere an Internet connection can be found. No custom software needs to be installed to send messages, check status, or modify sign layouts.

- **Open-platform Design:** No need to learn proprietary software protocols or new programming languages. The system uses simple, standard XML programming to send data to the displays.

- **Data Threshold Capabilities:** Immediate, automated feedback based on your data. The on-board processor can be set to watch you data and compare it to pre-set thresholds to automatically alter the display, and provide a visual alert when data changes or a threshold has been crossed.

- **Conditions and Soft Logic:** Change the look and feel of the display based on your data. Simply set up "conditions" and let logic change what and how the displays shows information. Add impact and attention to what's important by enabling new layouts or messages.

- **Remote Snapshot Capabilities:** See what the display is showing wherever you are. Remotely receive a snapshot from the sign of what is being displayed directly from its video memory straight to your browser.

# Industry Applications

- **Warehousing Operations**
- **Distribution Centers**
- **Manufacturing Automation**
  (packaging and bottling operations, for example)
- **Call Centers**
- **Employee Communications**
- **Lean Manufacturing**

| Model | Rows | Columns | Height | Width* | Depth |
|-------|------|---------|--------|--------|-------|
| IP16x96RG | 16 | 96 | 6.9" | 30.5" | 2.5" |
| IP16x160RG | 16 | 160 | 6.9" | 50.7" | 2.5" |
| IP16x22RG | 16 | 224 | 6.9" | 70.8" | 2.5" |
| IP16x288RG | 16 | 288 | 6.9" | 91.0" | 2.5" |
| IP32x96 | 32 | 96 | 12.1" | 30.5" | 2.5" |
| IP32x160RG | 32 | 160 | 12.1" | 50.7" | 2.5" |
| IP32x224RG | 32 | 224 | 12.1" | 70.8" | 2.5" |
| IP32x288RG | 32 | 288 | 12.1" | 91.0" | 2.5" |
| IP64x96RG | 64 | 96 | 22.0" | 30.5" | 2.5" |
| IP64x160RG | 64 | 160 | 22.0" | 50.7" | 2.5" |
| IP64x224RG | 64 | 224 | 22.0" | 70.8" | 2.5" |
| IP64x288RG | 64 | 288 | 22.0" | 91.0" | 2.5" |

*Add 3.8" for optional stylized end caps.*

## ipdisplays

**1515 McDermott Drive, Suite 140-104
Allen, TX 75013
877.484.5700
info@ipdisplays.com
www.ipdisplays.com**