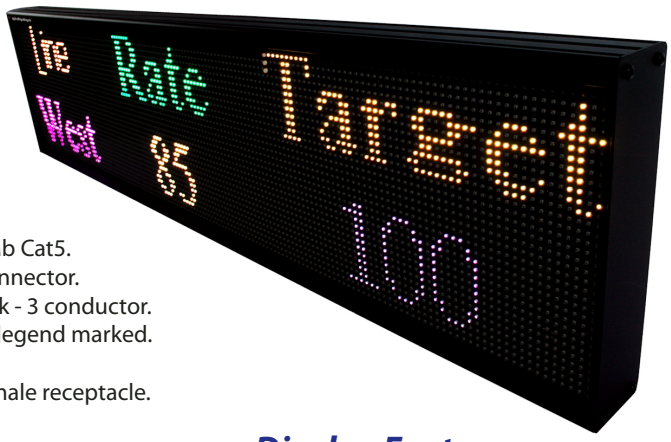
IPLED32X96RGB

Datasheet

Rev 1.0b
08/2016

ipdisplays™



>Specifications

Electrical

Ethernet - RJ45 - 10/100Mb Cat5.
USB 2.0 - Host - Type A connector.
Audio - 3.5mm Stereo Jack - 3 conductor.
Power Switch - DPDT 1/0 legend marked.
Power Input:
IEC 320-C14 style male receptacle.

Power Requirements

Input - 95 ~ 260VAC at 50 ~ 60Hz.
Power Consumption:
155 W maximum
40 W typical

Environmental - Indoor Use

Operating Temperature:
-34°C ~65°C ambient.
-30°F ~ 150°F ambient.
Relative Humidity:
upto 90 % non-condensing.
Ethernet Isolation:
1500VAC min per IEEE 802.3.

Mechanicals

Length: 30.5" (774.7mm).
Height: 12.1" (307.34mm).
Depth: 2.5" (63.5mm).
Weight: 13lbs est (5.9kg).

Internals

LEDs: Array 32x96.
LEDs - 3072 pixels.
LEDs - Full Color
Dot Pitch of LEDs: 8mm.
Processor: ARM A8 at 1GHz.
Memory: 1GB SDRAM
uSD Memory: min. 2 GB card**.
OS: Embedded Compact CE 7.0

Integrated 10/100 Ethernet

This is the core of our technology which allows for superior ease of use and integration in conjunction with the unit's built in web-server. TCPIP enabled out of the box. Use built-in support for DHCP and NTP to aid in your ease of configura tion.

>Display Features

Server-free solution

With easy web-based interfaces and easy to program XML data structures, no longer do you need middleware or any additional hardware to accumulate data saving you time, money and resources.

Dynamic sign layouts

Schedule any number of layouts with our Playlist manager. Show real-time data, statistics, company news, safety informa tion, or general messages in their own unique layout to get the impact you want. The Playlist manager allows you to schedule the times and order - it is all under your control.

Data thresholds

Set thresholds on your data to change your message color or state to bring impact to an event.

Remote 'snapshot'

Not where you can see your display, no problem. View exactly what is on the display no matter where you are. The sign generates an instant copy of what is being displayed and sends it right to your browser.

>Features Continued

Browser based interface

Ease of use exemplified. Manage your display from a simple web-browser anywhere - any time. Send messages, check status, and manage thresholds, layouts, remote or local data fields all from web pages hosted on the sign. No software to install and no custom programming needed.

Live message elements

Insert data into any message. You can have real-time data and see it update dynamically on the display. Any message may contain static or scrolling text, live data, database elements, clocks, bit-mapped graphics or any combination therein.

Conditions/Program Logic

Program logic can be tied to variables on the sign. As data is changed "Program logic" can be used to Activate/Deactivate Messsages, Layouts, Thresolds, Commands or even update other variables on the sign.

Simple Integration/Open Interface

Use simple standard XML syntax and constructs to send data to the display. No proprietary protocols, syntaxes, or languages to learn. Any XML capable application like MS Excel or SQL Server or programming language like Perl, VB, or C# can easily update data fields or elements on the sign.

Fonts, graphics and effects

Use any of the 44 built-in text or graphics fonts to build your message. Add pizazz using the built-in entry and exit effects.