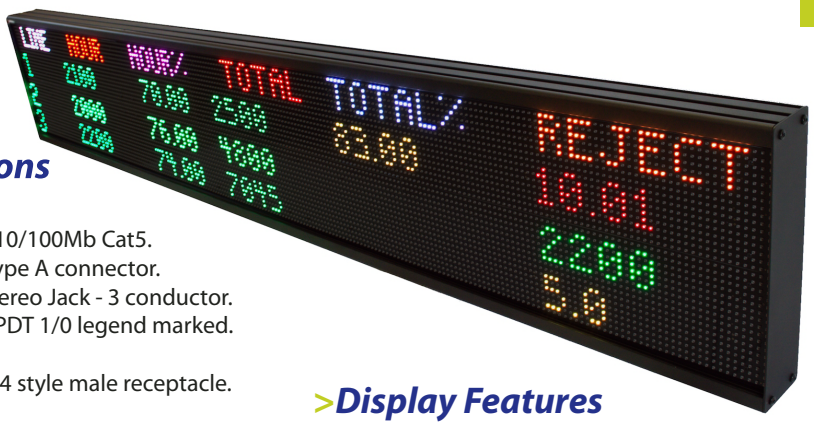
IPLED32X224RGB

Datasheet

Rev 1.0b
08/2016



>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:
  435 W maximum
  110 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: 70.8" (1798mm).
  Height: 12.1" (307.34mm).
  Depth: 2.5" (63.5mm).
  Weight: 35lbs est (15.88kg).

- ***Internals***

  LEDs: Array 32x224.
  LEDs - 7168 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***

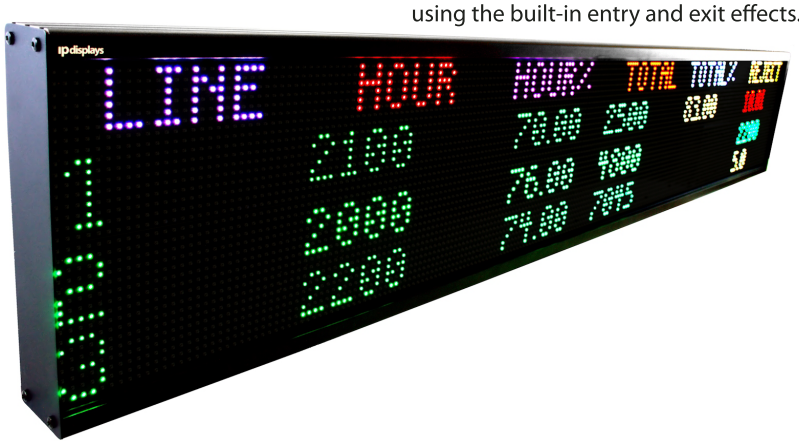
  Insert data into any message. You can have real-time data and see it update dynamically on the display. Any message may contain static or scrolling text, live data, database elements, clocks, bit-mapped graphics or any combination therein.

- ***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.