

IP LCD

preliminary



> Specifications

- ◆ **Electrical**
Ethernet - RJ45 - 10/100Mb Cat5.
USB 1.0 - Host - Type A connector.
Audio - 3.5mm Jack - 3 conductor.
Video - HDMI.
Power Switch - none.
Power Input:
5.5/2.0mm jack.
- ◆ **Power Requirements**
Input - 5VDC, 1.0A
Power Consumption:
5W maximum
2.8W typical
- ◆ **Environmental - Indoor Use**
Operating Temperature:
-10°C ~ 40°C ambient.
14°F ~ 104°F ambient.
Relative Humidity:
upto 90 % non-condensing.
Ethernet Isolation:
1500VAC min per IEEE 802.3.
- ◆ **Mechanicals**
Length: 5.6".
Height: 1.375".
Depth: 4.1".
Weight: 1lb.
*Not including connectors and attached items.
- ◆ **Internals**
Processor: ARM9 at 200MHz.
Memory: 32MB SDRAM, 16MB FLASH
USB Memory: min. 64MB stick**.
OS: WINCE 5.0
**Larger capacity stick may be provided based on availability.

> Display Features

- ◆ **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 configuration.
- ◆ **Video Interface**
Connect to a HDMI or DVI based LCD or Plasma display. Resolutions up to 720p are supported.
- ◆ **Customizable Background**
Use bitmap images or AVI files for your background. This can give a custom look and feel to your display. Change your background dynamically using our Conditions feature to further add some pop or draw attention when needed.
- ◆ **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 information, 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.

> 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.
- ◆ **Data thresholds**
Set thresholds on your data to change your message color or state to bring impact to an event.
- ◆ **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 Messages, Layouts, Thresholds, 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.
- ◆ **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.

Innovative Web-Based Smart LCD Appliance



- Cost Efficient
- Real-Time Data
- Server-free Solution
- Remote "Snapshot"
- Open Interface

