



G-Box Features.

V 1.1

G-Box System.

Introduction:

G-Box is a Network Digital Signage Player and Server that can display Images, Video , Sides or any web URLs as a part of a Play list. Play lists can be scheduled to play at particular time, days or dates. G-Box Player is built on modern and open technologies like HTML5 / CSS3 , Linux without compromising on simplicity and usability .

One of the most important features of G-Box is that it can be completely managed from a web browser. You can upload media, set play lists, tickers and schedules right from anywhere using just a web browser. No need for any software to be installed on the PC. G-Box is has a local web server server and is completely self contained. It is not Cloud Based. You do not need a static IP for the G-Box, any local private IP would do.

G-Box also has vertical modules for Factories to track production, Currency Exchanges, Commodity exchanges, Warehouses to display stock inventory and project Timers. G-Box can be interfaced with with PLCs , Analog (4-20ma) Sources , Thermocouples , Temperature & RH sensors etc using additional hardware modules that allow G-Box to track and log real time events.

Signage Features

Display Images

- Supported Images (JPG, PNG, GIF)
- Automatically fits the Images to the Screen Resolution.
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- Images can be made into play lists with time for each image.
- Background music can be set for Play lists.
- Audio can also be made a part of the Play list.
- Display can be Oriented in Landscape or Portrait Modes.

Display Video

- Supports following formats MPG MP4 MOV MKV M4V AVI FLV WMV WEBM
- Supports SD / HD video based on the G-Box Model.
- SD version supports up to 640x480 (Higher resolutions will work for certain formats)
- HD version Supports up to 1080i videos. (Higher resolutions will work for certain formats , based on bitrate etc.)
- Background music , Tickers are suspended when playing video.
- In a playlist video can be played for a specific time or till the end of the media.
- One video can play full screen or in a user specified window when displaying other

Play Audio

- Supports MP3 WAV OGG
- An audio only Playlist can be setup as a Background.
- In a playlist audio can be played specific time or till the end of media.

Display Web URLs.

- You can specify any WEB URL (http://) as a part of playlist , startup or schedule.
- This allows you to seamlessly link Live Intranet / Internet content into your signage content.
- This allows you to have in house developed intranet pages for things like Reports, Performance metrics, Birthdays and Holidays etc as part of the digital signage content.
- This makes integration between custom real time content with static signage content very simple and easy.
- You can also embed YouTube (Special URL needed for embedding) or other flash based streaming sites for dynamic video content.

Scrolling Ticker (Optional)

- A Scrolling ticker can be played during a Image / Slide / URL Playlist.
- Up to two tickers can be set to play at the same time.
- Ticker positions can be on top or on the bottom
- Tickers can also be in Regional Languages (Tamil, Hindi etc) (Fonts can be uploaded for other languages also)
- Tickers can be text based or can read from RSS feeds.
- Different tickers can be scheduled for different times.
- Color, Font Size etc can be customized for Tickers.
- Even Images can be made part of the tickers using HTML tags.
- Speed and Direction can be set for tickers.

Playlists

- Media can be sequenced to playlists.
- Each media can be set a time to play.
- Audio and Video can also be set to play till the end of the media.
- Playlist items can easily be resequenced.
- Transitions can be set for Image, Slides and URLs (HD G-Box required for fast animations).
- Any URL like www.cnn.com , youtube videos etc can be made a part of playlist.
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Slides Creator

- Custom slides with customized messages can be created right on the G-Box with out any extra software.
- Text can be entered.
- Fonts ,colors and alignments etc can be changed.
- Background color can be set.
- Images can be set as Backgrounds.
- Dynamically updating time and Date fields can be inserted into the slide.
- Tables can be inserted.
- Text can be bullet-ed and intend-ed.

Scheduler (Optional)

- You can create schedules here.
- You can set when a Media /playlist has to play.
- You can define start and end dates within which the media has to play.
- You can define Week Days when the media has to play
- You can also define Start and End Times of the day during which the media has to play.

VNC Client / Server (Screen Projector).

- This module allows Users to project what ever they have on their desktop to a Display (VideoWall / TV) connected to a G-Box .
- This module is very use full for presentations , Screen Casts etc.
- G-Box can act as a client and connect to a desktop (Provided the firewall is open).
- G-Box can also accept server connections so you don't have to open the firewall and still project your screen.

Customization Manager

- You can customize the look and feel of modules using the CSS editor.
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Settings Manager.

- You can manage all the settings of G-Box using a web browser.
- Setup Date, Time, Pin etc
- Setup display resolution, Orientation etc.
- Setup Master Slave Settings.
- Setup Network Primary and Secondary IP for the G-Box.
- Setup WLAN.
- Apply Firmware updates
- Setup Proxy Settings etc.
- You can also restart the G-Box remotely.

World Clock (Optional)

- Any number of Cities with time offsets can be set for the world clock
- Analog or Digital format can be chosen for the clocks.
- Up to 4 clocks can be displayed at a time. (More can run as a playlist.)
- CSS editor can be used to change the font, colors, background images etc for the clocks.

Analog / Digital Clock

- Analog or Digital clock can be overlaid on any playlist.
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