

MP-02Z

User Guide



I. Introduction:

The MP-02Z is compatible with both the CAT and iCAT management software and the latest feature includes multiple zones

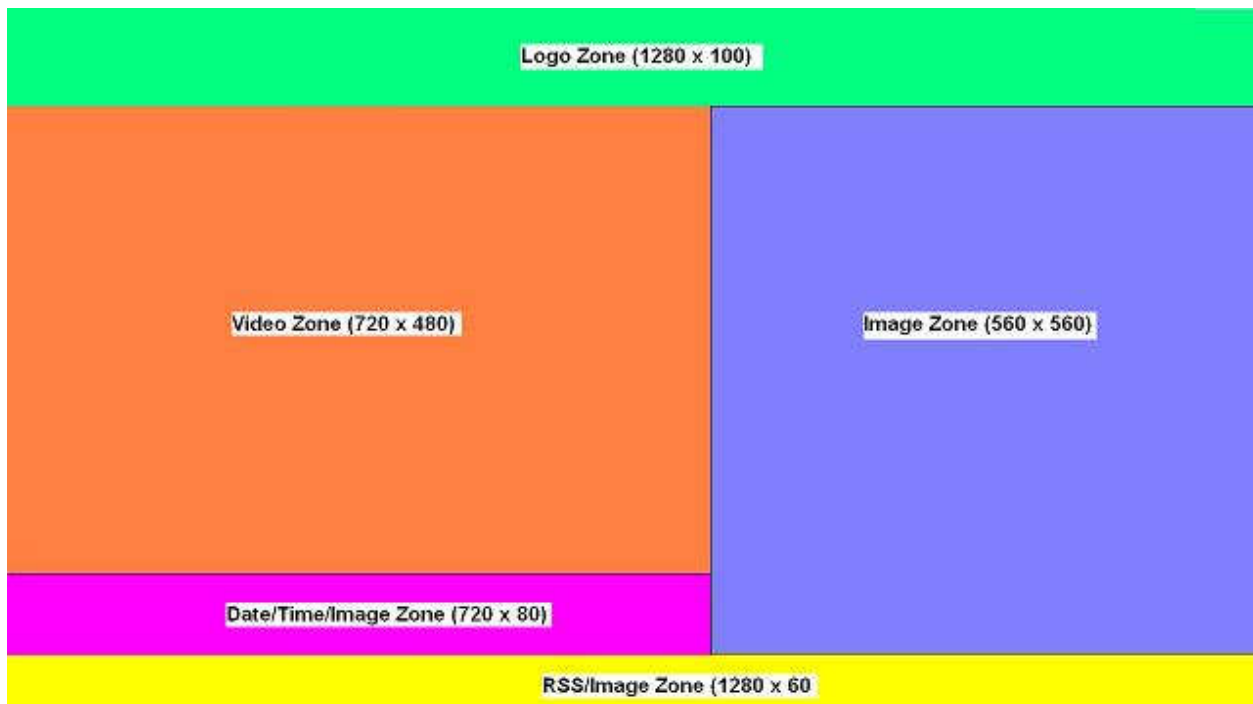
II. The MP-02Z has a slightly different layout, compared to the MP-02A. No longer is there a 1080i output: Video output has changed to 720p (1280 x 720) YPbPr or VGA output.

No full screen playback: now changed to multiple zones.

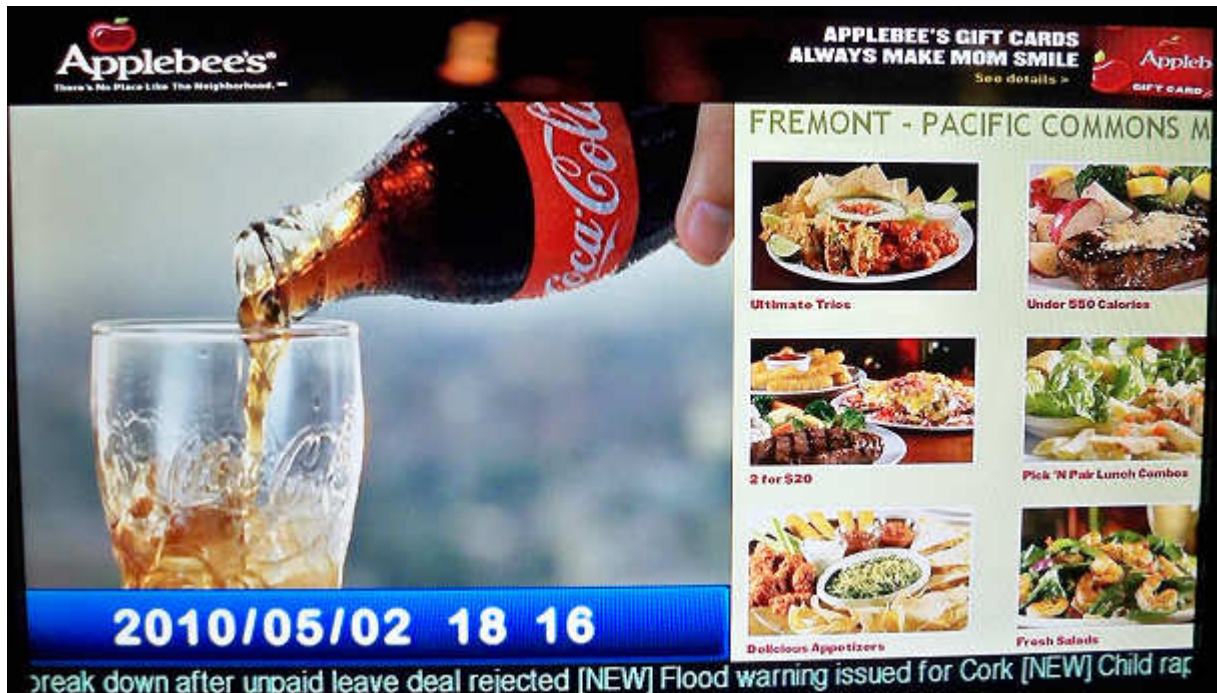
No jpeg transition effects: Full screen changes only.

III. Screen Layout:

Multiple zones include the following: top banner, video, image, time and bottom RSS zone (see figure 1 and figure 2). All resolution sizes are fixed.



<Figure 1>



<Figure 2>

Top Zone (1280x100): For company logo or any image in jpeg format

Video Zone (720x480): All video or jpeg files on playlist will playback here

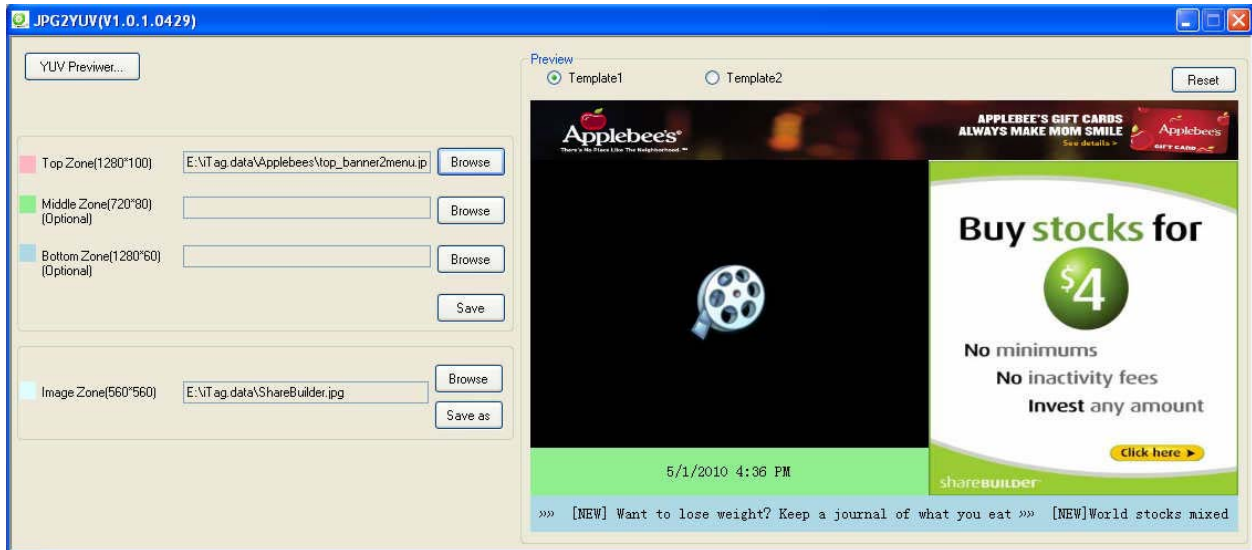
Image Zone (560x560): For any still image data (jpeg files). Each slide will last 10 seconds then proceed onto the next image.

Time Zone (720x80) Default is date and time, but also allows a still image to display if needed.

RSS Z Zone (1280x60): Display RSS news ticker or scrolling text or can display image.

IV. Software Utility "JPG2YUV.exe"

All files except, ' Video Zone', must be converted to YUV format before loading the files onto the player. A software utility "jpg2yuv" is provided for such a conversion. Please refer to figure 3 for an example.



<Figure 3>

Use any picture editing software to create a banner or logo image file in JPG or BMP format, i.e. Photoshop or paint brush. To maintain the best quality, try to remain within the guidelines provided.

Jpg2yuv.exe will scale to fit if the image is not the exact resolution. A 1:1 ratio is recommended for minimal distortion.

YUV Viewer: point to any YUV file and image will be displayed on preview window.

If jpeg is not converted to YUV, then those jpeg files will go to the Video Zone when displayed

V. Different Zones

Choose the proper jpeg files to be used and save to the designated folders

File names will have a few letters added to determine which zones the files will go into. Please refer to the example below.

Top Zone: <filename>.jpg => <filename>_tz1.yuv ; template 1
 <filename>.jpg => <filename>_tz2.yuv ; template 2

Middle Zone: <filename>.jpg => <filename>_mz.yuv

Bottom Zone: <filename>.jpg => <filename>_bz.yuv

The files that were converted to YUV and added to the playlist will be played. YUV files can be in any order as long as they are at the beginning of the playlist.

VI. Image Zone:

Browse for proper jpeg files and click "save" to any designated folder.

<filename>.jpg => <filename>.yuv extension only

All image .yuv files can be added to the playlist. File order will be the same as playback order. Each image will last for 10 seconds then proceed onto the next image and loop.

There is no relation to video playback.

VII. Time Zone:

The default for this section will display date and time. The date and time format can be selected from the Setup/ Preference section.

Date format: mm/dd/yyyy or dd/mm/yyyy or yyyy/mm/dd

Time format is as follows: 12H or 24H

Date/Time zone can be replaced with another image by loading an mz.yuv file. If the mz.yuv file is removed from the playlist, then the date/time will appear again.

VIII. Video Zone:

Media file format supported are MPEG2 .mpg, .vob and MPEG4 .avi, .xvid, .divx

Video source is 20x480 SD resolution. Jpeg source will be scaled to 720x480.

Multiple Zones feature will consume more CPU bandwidth to process multiple data. If video playback has a jerk, mosaic effect, or non smooth situation, then please use video editor tool to lower bitrate.