

Media Player Demo Project Introduce

Foreword

This document is to give an idea of the design concept of the Media Player demo project which was demonstrated at the SPS/IPC/DRIVES 2008 Electric Automation Fair, as well as to explain how to use it in practical applications. And for details about the Media Player function please refer to the EasyBuilder 8000 user manual.

Note: At the first time of using Media Player on the MT8000X Series, users have to download their project to the HMI via Ethernet for automatic installation of the Media Player driver.

Concept of Design

This demo project is designed to sequentially play three videos (but no limit to the number of videos to play in practical applications), hereinafter referred to as “Video 1,” “Video 2,” and “Video 3.” Normally, the videos play in order of Video1 → Video2 → Video3, and users can know which video is playing from the display of HMI. Besides, when a video is playing, there is time indication to show running time of the video and the playing point, and volume and display size adjustment is also available, even the seeking (seek time) function is supported as well.

Displaying and Setup Procedure

Users have to first prepare a USB stick and under the root directory create a [video] folder. Then save three video files at a user’s own choice under the folder and connect the USB stick to an MT8000X HMI. But when running Simulation on PC, please create a [usb1] folder under the directory where EasyBuilder 8000 is installed to take the place of a USB stick and follow the remaining steps to finish the procedure.

The display as shown in the picture below will appear on the screen after the whole video project is completely downloaded to an MT8000X HMI.



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MT8000X Series

Weintek 8000X Series - Powerful Touchscreen HMI Family

Video 1	Video 2	Video 3
Video Title 1 Video info.	Video Title 2 Video info.	Video Title 3 Video info.



WEINTEK

Providing Instructions on Video Reduces Workload by Eliminating On-site Support

Providing operation and maintenance instructions on video can help to create an environment that enables any on-site operators to perform tasks efficiently from clear, comprehensible instructions.



Changing Program or Screen with USB Stick during Operation

Without stopping operation, operators can easily change video with most ubiquitous USB storage media from the front-mounted USB port via the optional USB cable.


→


Double-click [Video 1] and the registered videos will start to play sequentially in order.

Video Playing Section	
	<p>The selected video will play in this section. If the video image size is larger than the size of the video player, the entire image is not displayed. If you want to display the entire image, set the video display size to fit the size of the video player.</p>



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Marquee Displaying Section

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Note

To change the contents of marquee, follow the steps blow while EasyBuilder 8000 is in the state of opening a project.

Alarm-Log → Select Alarm No.1 → Settings → Message

Video Information Section

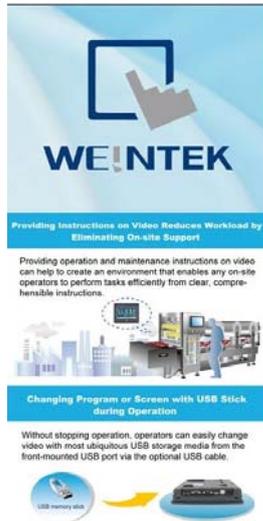
Video 1	Video 2	Video 3
Video Title 1 Video info.	Video Title 2 Video info.	Video Title 3 Video info.

This section is to show which video is playing now. When the video is playing, the file name is indicated in white, otherwise in gray.

Note

1. Users can also use a picture of the video instead of the file name to enhance visual effects.
2. Users can give a title to the video and show it in the [Video Title] section to give viewers a hint on what the video is about.

Informative Illustration Section



This section can be used to provide further information or illustrations to viewers. Like in this demo project, it is used to explain where and how Media Player can be applied.

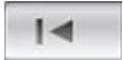
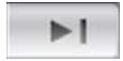


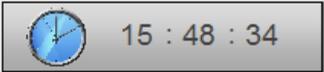
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Control Panel Section	
	<p>When the project is operated, the control panel will be hidden. By touching the screen, the control panel can appear or become invisible again.</p>
	<p>On the bar from left to right it represents:</p> <ol style="list-style-type: none"> Index of the playing video (0-based) Playing point of the video (hr:min:sec) Running time of the video (hr:min:sec)
	<p>Play / Pause</p>
	<p>Stop playing</p>
	<p>Rewind to last video</p>
	<p>Skip to next video</p>
	<p>Volume adjusting</p>
	<p>Indication of the playing point. Scrolling the bar to do seeking (seek time).</p>

	<p>Display size of the video player Fit → Automatically fit the size of objects 1/2 → Half of original size x1 → Original size x2 → Twice original size</p>
	<p>System clock</p>
	<p>Indication of CPU loading</p>
	<p>Repeat playing. When activated, the registered videos play in a continuous loop.</p>



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