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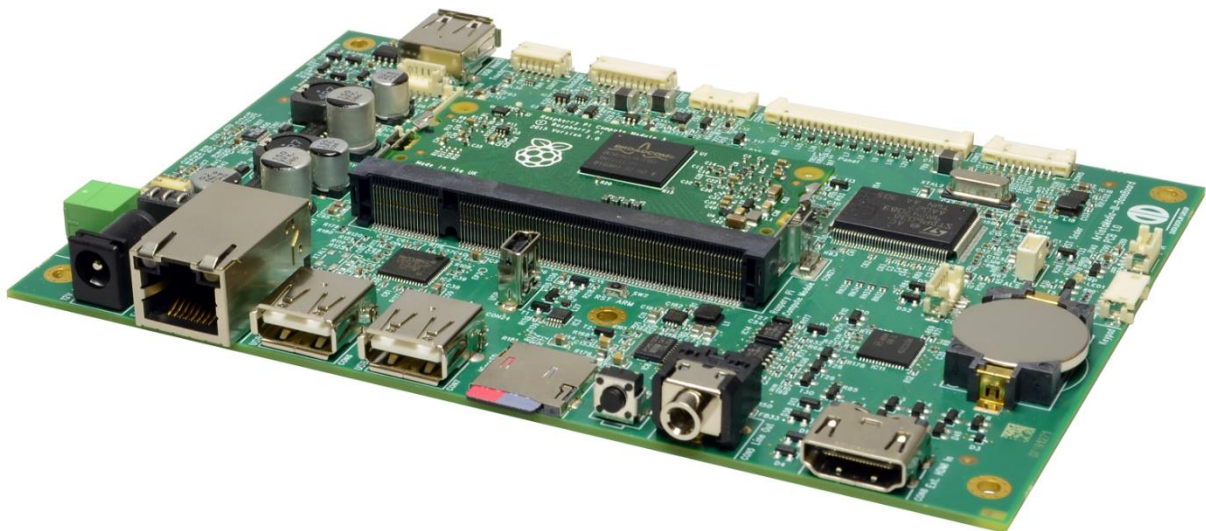
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Release Notes

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VideoPoster-IV

Industrial Full HD Media Player based on Raspberry Pi CM3 / CM3+

PA-35-XXX

Version 1.4.0

17.02.2022

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1 Revision History

Date	Version	Description	Page
17.07.2017	1.0.0	VideoPoster-IV firmware version 1.0.0	All
08.06.2018	1.2.0	VideoPoster-IV firmware version 1.2.0	4
17.02.2022	1.4.0	VideoPoster-IV firmware version 1.4.0	6

2 Firmware Release History

This section lists all VideoPoster-IV firmware releases.

2.1 Firmware Version: 0.24.0

Exact firmware version: 0.24.0.54986
Release date: 12.05.2017

This is the initial firmware release for the product VideoPoster-IV. It has the same functionality as the product VideoPoster-III with firmware version 1.16.2.

2.2 Firmware Version: 1.0.0

Exact firmware version: 1.0.0.55807
Release date: 17.07.2017

Name of firmware update file:
• setup_VideoPoster-IV_Firmware_v1.0.0.55807.bin

It can be installed on board configuration:
• PA-35-XXX   VideoPoster-IV

It can be installed on firmware versions:
• All previous firmware versions

New features:
• None

Fixes:
• General improvements and optimizations

2.3 Firmware Version: 1.2.0

Exact firmware version: 1.2.0.58835
Release date: 08.06.2018

Name of firmware update file:
- setup_VideoPoster-IV_Firmware_Update_v1.2.0.58835.bin

It can be installed on board configuration:
- PA-35-XXX   VideoPoster-IV

It can be installed on firmware versions:
- All previous firmware versions

New features:
- Added support for Wi-Fi connectivity. The original Raspberry Pi USB Wi-Fi Dongle can be used to connect VideoPoster-IV to wireless networks now. Refer to the VideoPoster-IV manual for more details

Fixes:
- Completely reworked Web Interface for improved user experience
- Completely reworked HttpCtrl interface with the following changes:
    - Improved performance for content uploads
    - The reply of httpCtrl calls from VideoPoster-IV contain XML end-tags for all elements now, even if they are empty elements (e.g. "<request></request>" instead of "<request/>")
    - The reply of the httpCtrl call "activatePlaylistTrigger" contains the "<arg></arg>" element now as well (e.g. "<arg name="triggerId" value="1"></arg>")
- Updated the Linux kernel from version 4.4.50 to version 4.9.80
- Fixed misleading error messages in the player and updater log occurred after the initial playlist upload
- Fixed the issue where ACC was not able to access VideoPoster-IV if it used the static fallback IP address 192.168.0.1 because no DHCP server was available in the network

2.4 Firmware Version: 1.4.0

Exact firmware version: 1.4.0.66445
Release date: 17.02.2022

Name of firmware update file:
* setup_VideoPoster-IV_Firmware_Update_v1.4.0.66445.bin

It can be installed on board configuration:
* PA-35-XXX   VideoPoster-IV

It can be installed on firmware versions:
* All previous firmware versions

New features:
* Added support for Raspberry Pi CM3+ with up to 32GB internal flash memory
* Added support for the following USB Wi-Fi Adapters:
    o PC-04-034   EDIMAX EW-7811UN Wireless USB Adapter
    o PC-04-035   EDIMAX EW-7811UN V2 Wireless USB Adapter
    o PC-05-071   DELOCK 12462 WLAN Stick/Antenna USB 2.0

Fixes:
* Updated the Linux kernel from version 4.9.80 to version 5.10.17
* Fixed the issue where Wi-Fi SSIDs containing spaces did not work
* New VideoPoster-IV splash screen design
* General improvements and optimizations

3 Known Issues of latest Firmware Version

This section lists all known issues of the latest VideoPoster-IV firmware version.

3.1 WMV Video Decoding Not Supported

Compared to VideoPoster-III, VideoPoster-IV doesn't support the WMV video format any more.
This comes, because the VideoPoster-IV is featured by the Raspberry Pi Compute Module 3. This SoC doesn't support WMV video decoding by default. It is required to purchase a per device license for that. If WMV video decoding is required for VideoPoster-IV, this can be realized on project base. Please ask your sales contact in the FORTEC Group in this case.

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