

Release Notes

Fortec Integrated

WebPoster-M4

Industrial UHD Website displayer based on Raspberry CM4

PA-45-XXX

V1.4

21.07.2025

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1 Revision History

Date	Rev. No.	Description	Page
07.10.2024	1.0	Firmware release v1.0.1	All
25.10.2024	1.1	Update cover template	All
20.02.2025	1.2	Firmware release v1.0.2	4
18.06.2025	1.3	Firmware releases v1.2.0	4
21.07.2025	1.4	Firmware releases v1.2.1	5

2 WebPoster-M4 Features

Please refer to the WebPoster-M4 manual to find detailed information about the WebPoster-M4 features.

3 Firmware Release History

This section lists all firmware releases for WebPoster-M4.

3.1 Firmware Version: 1.0.1

Firmware Version: 1.0.1.73353
Release Date: 15.10.2024

Supported Monitor Series: Fortec BLO-Line

Supported Display Controllers: Fortec ArtistaMedia-IV

Key Features:

- Firmware Base: Debian 11 (Bullseye)
- Linux Kernel Version: 6.1
- Web Browser Version: Chromium 88.0.4324.187

Changes:

- This is the first firmware release for the product WebPoster-M4.

3.2 Firmware Version: 1.0.2

Firmware Version: 1.0.2.1bec9e9
Release Date: 20.02.2025

Supported Monitor Series: Fortec BLO-Line

Supported Display Controllers: Fortec ArtistaMedia-IV

Key Features:

- Firmware Base: Debian 11 (Bullseye)
- Linux Kernel Version: 6.1

- Web Browser Version: Chromium 88.0.4324.187

Changes:

- Add support to touchscreen orientation
- Add support of touch orientation configuration indirect through web interface (display orientation)
- Switch to GitLab for the main system firmware (revision will be x.y.z.<git_short_commit_revision>)
- Add new file for touch orientation configuration in the CM_CONFIG under initconf "touch_orient"

3.3 Firmware Version: 1.2.0

Firmware Version: 1.2.0.66c3f3a
Release Date: 18.06.2025

Supported Monitor Series: Fortec BLO-Line

Supported Display Controllers: Fortec ArtistaMedia-IV

Key Features:

- Firmware Base: Debian 11 (Bullseye)
- Linux Kernel Version: 6.1
- Web Browser Version: Chromium 88.0.4324.187

Changes:

- Integrate FlashBar to show brightness and volume level
- Update ArtistaPlayerSuite to support FlashBar version

3.4 Firmware Version: 1.2.1

Firmware Version: v1.2.1.49735c6
Release Date: 21.07.2025

Supported Monitor Series: Fortec BLO-Line

Supported Display Controllers: Fortec ArtistaMedia-IV

Key Features:

- Firmware Base: Debian 11 (Bullseye)
- Linux Kernel Version: 6.1
- Web Browser Version: Chromium 88.0.4324.187

Changes:

- Fix volume range to be (0 : 100)
- Add support to variety of Wi-Fi USB stick devices:
 - List of supported devices:

Device or Supplier:	IDs
EDIMAX AC600 - EW7811UTC	ID 7392:A812
EDIMAX N150 - EW7811Un V2	ID 7392:B811
EDIMAX N150 - EW7811Un	ID 7392:7811
Edimax	ID 7392:D811 ID 7392:C811

	ID 0BDA:B812
	ID 0BDA:B81A
	ID 0BDA:B82C
	ID 0BDA:B82B
	ID 0BDA:B820
	ID 0BDA:C821
	ID 0BDA:C820
	ID 0BDA:C82A
	ID 0BDA:C82B
	ID 0BDA:C811
	ID 0BDA:8811
	ID 0BDA:2006
	ID 0BDA:8731
	ID 0BDA:C80C
Realtek	
TP-Link 150Mbps - TL-WN725N	ID 0BDA:8179
TP-Link AC600 - Archer T2U Plus	ID 357:0120
ASUS - USB-N10NAN0	ID 0B05:17BA
ASUS AC600 - USB-AC51	ID 0B05:17D1
DLOCK 433Mbps Realtek - 11ac	ID 0BDA:A811
DLOCK 150Mbps Realtek - 11b/g/n	ID 0BDA:A811
DLOCK 802IIN 150Mbps - X0011WQSRX	ID 148f:5370
Logi Link 150Mbps - WL0084E	ID 0bda:8179
D-Link	ID 2001:331d
Lite On	ID 04CA:8602
Elecom	ID 056E:4011
Netgear A6150	ID 0846:9055
ASUS AC1300 USB-AC55 B1	ID 0B05:1841
ASUS U2	ID 0B05:184C
ASUS	ID 0B05:1870
	ID 0B05:1874
ASUS - USB-AC58 rev A1	ID 0B05:19AA
CCNC	ID 0BDA:2102
Hawking HW12ACU	ID 0E66:0025
Alpha - Linksys	ID 13B1:0043
Linksys WUSB3600 v2	ID 13B1:0045
Dlink - DWA-182 - D1	ID 2001:331E
Dlink - DWA-181	ID 2001:331C
Dlink - DWA-183 - D	ID 2001:331F
TRENDnet TEW-805UBH	ID 20F4:805A
TRENDnet TEW-808UBM	ID 20F4:808A
TP-Link Archer T4U V3	ID 2357:0115
TP-Link Archer T3U v1	ID 2357:012D
TP-Link Archer T3U Plus v1	ID 2357:0138
	ID 2357:012E
TP-LINK	ID 2357:0117
	ID 2357:0116
Mercusys MA30H	ID 2C4E:0107
	ID 7392:B822
	ID 7392:C822
Edimax	ID 7392:D822
	ID 7392:E822
	ID 7392:F822

4 Limitations of WebPoster-M4

This section lists all known general limitations of the latest WebPoster-M4 firmware version.

4.1 Full HD video playback can judder

WebPoster-M4 doesn't use hardware acceleration for video playback. Thus, playback of 4k and lower resolution videos can judder

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