

Equal-i 2S Image Processor – Unit revisions 2.1, 2.4 and 2.6

FPGA changelog

2.04 (Release date 9/26/2016)

Note: This FPGA firmware revision requires System Firmware revision 1.15/2.08 and above

- Resolves issue with black vertical bar being displayed on the far left of the right display when in Immersive Everywhere mode (OPMODEFE=4)
- Resolves several minor timing issues.

2.03 (Release date 9/16/2016)

Note: This FPGA firmware revision requires System Firmware revision 1.15/2.08 and above

- Resolves issue with input of 1080p 50/60Hz inputs into Receive Module that was introduced in v2.02.

2.02 (Release date 9/6/2016)

Note: This FPGA firmware revision requires System Firmware revision 1.15/2.08 and above

- Resolves issue with Display1 and Display2 output HDMI ports not resuming when connected device exits sleep mode.

2.01 (Release date 6/1/2016)

Note: This FPGA firmware revision requires System Firmware revision 1.15/2.08 and above

- Slightly longer pause before initial image is displayed on boot-up. Resolves several small flashes seen during the boot sequence of v2.00.

2.00 (Release date 5/18/2016)

Note: This FPGA firmware revision requires System Firmware revision 1.15/2.08 and above

- Stability enhancements
- Fast fade out/in when switching between operating modes

926/912/914 (Release date 3/2/2016)

- Resolves issue with systems outputting duplicate image over secondary transmit channel when in OPMODEFE=1-3.

926/912/912 (Release date 1/23/2016)

- Used in conjunction with 1.14/2.07 firmware to enable Immersive PTZ mode.
- Slightly smoother transitions when changing opmodes

921/912/912 (Release date 10/12/2015)

- Though the command itself has yet to be implemented, this version adds FPGA infrastructure to allow for a user selectable gamma setting.
- Changed the green raster area behind the image capture to black in color
- Adjustment to the white balance algorithm to ignore light saturated pixels, thus allowing for a more equal white balance capture of the two cameras in environments with unbalanced light (i.e. windows or fixtures causing unbalanced light)

921/911/911 (Release date 10/09/2015)

- Includes a timing change to resolve an intermittent issue with a discontinuity line that would show up in the Letterbox mode of some systems.
- Change to the default gamma table to increase gamma.

921/910/911 (Release date 9/25/2015)

- Fixes a known issue that resulted in an incompatibility with Lifesize codecs by way of rewriting the HDMI EDID to include a more standard handshake.

920/910/911 (Release date 9/22/2015)

- Fixes a problem with a discontinuity line that is visible along the top of the left-hand transmitted Immersive Mode image
Note: To resolve a problem with a discontinuity line that is visible along the bottom of the transmitted Letterbox Mode image, please contact Array Telepresence Customer Support to set up a time for update, as this requires remote access to the unit.

919/910/911 (Release date 9/7/2015)

- Fixes a problem where a change in codec output resolution or standard causes the receive-side Equalization Maps to not reinitialize

918/910/911 (Release date 8/31/2015)

- Updates some of the memory sync timings to remove a horizontal discontinuity line in one or more Equalization Maps

918/910/910 (Release date 8/26/2015)

- Fixes a problem with “horizontal tearing”, where during boot or a mode change, the left-side display will display many horizontal lines across a majority of the screen
- Fixes a minor bug that caused the screen to momentarily go black when adjusting the horizontal and vertical pan values

918/908/909 (Release date 8/18/2015)

- Fixes a problem with white balancing that caused the left and right sides to not properly white balance

918/907/909 (Release date 8/12/2015)

- Fixes an intermittent problem where some units display “sparkles” in dark areas of the image

918/906/908 (Release date 7/9/2015)

- Fixes a problem where the receive-side inputs are unable to properly display 1080p50 and 1080p60 content

916/906/908 (Release date 6/24/2015)

- Adds the ability to switch between 25fps and 30fps coming from the cameras to the Transmit Codec 1 port

916/904/907 (Release date 5/21/2015)

- Resolves reported issue with image occasionally scrolling

913/904/907 (Release date 4/25/2015)

- Resolves issue with unstable image during mode change
- Adds ability for Receive Module to output at same video standard as input.
- Added new EDID map in the input HDMI's that list all available currently supported standards

911/904/907 (Release date 4/14/2015)

- Initial Release