MRV266 Firmware Program Release Notes

V4.6.2.0

**New Features:**

1. Added the calibration acceleration function to increase the speed of stably uploading calibration coefficients.

**Improvements:**

1. Improved the loading capacity up to 512×384 pixels.

**Changes:**

1. Removed the function of setting of pre-stored image.
2. Removed the chroma calibration function.
3. Removed the function of quickly uploading calibration coefficients.

**Notice:**

1. To realize the loading capacity, use the receiving card with NovaLCT V5.3.0 or later.
2. To use the calibration acceleration function, use the receiving card with the controller that supports this function.

V4.6.1.0

**Bug Fixes:**

1. Fixed the problem of color temperature adjustment function.

V4.6.0.0

**Functions:**

1. Loading capacity: 512×256 pixels
2. Support for up to 24 groups of parallel data or 64 groups of serial data (expandable to 128 groups of serial data)
3. Support for at most 64 scans
4. Voltage and temperature monitoring
5. Mapping function
6. Pixel level brightness and chroma calibration
7. Quick adjustment of dark or bright lines
8. Individual Gamma adjustment for RGB
9. Setting of pre-stored image in receiving card
10. Bit error rate monitoring
11. Support for a 5-pin LCD module
12. 3D function
13. Configuration parameter backup and readback
14. Firmware program readback
15. Loop backup
16. Dual backup of program

**Driver Chips:**

1. MBI series: MBI502x, MBI503x, MBI5041(B), MBI5042(B), MBI5043, MBI505x, MBI5124 (not including MBI5124DPWM), MBI5125 (not including MBI5125DPWM), MBI515x, MBI5252, MBI5353, MBI5353B
2. SUM series: SUM20167, SUM2017(T), SUM2028, SUM203x, SUM213x
3. MY series: MY9266, MY9269, MY9366, MY9862, MY9868
4. ICN series: ICN2027, ICN2028, ICN2038, ICN2038S, ICN2053, ICN2046, ICN2055, ICN2065
5. SM series: SM16158, SM16159, SM16207, SM16227, SM16237, SM16259
6. Others: TLC5958, TLC59581, SC8060, common chips

**Decoding Chips:**

1. 74HC138 chip
2. 74HC595 chip
3. RT5953 and RT5958 chips
4. SM5266 and SM5366 chips
5. ICN2012, ICN2013, ICN2018, and ICN2019 chips