MRV366 Firmware Program Release Notes

V4.6.3.0

**Improvements:**

1. Eliminated the influence of power fluctuations on the receiving card to improve its stability.

V4.6.2.0

**Improvements:**

1. Optimized network communication to improve transmission stability.
2. Optimized the timing in the code to improve the data output effect.

V4.6.1.0

**Functions:**

1. Loading capacity: 512×256 pixels
2. Support for at most 64 scans
3. Support for up to 32 groups of parallel data
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. Bit error rate monitoring
10. 3D function
11. Configuration parameter readback
12. Firmware program readback
13. Loop backup
14. 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
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, SM16169, SM16359
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

**Notice:**

1. After the program is updated from V4.5.x.x to V4.6.0.0 or later, the mechanism of the running indicator (green) is changed from flashing once every 0.5s to every 1s in normal operating mode.
2. After the program is updated from V4.5.x.x to V4.6.0.0 or later, the parameters must be sent again if the original configuration file contains data group exchange information.
3. To update the program from V4.5.x.x to V4.6.0.0 or later, you must update the program package twice to save the new Gamma table of brightness adjustment and the font library of Mapping to the flash memory.