BR462 Pro V1.3.1.0 Firmware Program Release Notes

Release

1. 2026-08-14 V1.3.1.0

Features

1. Maximum load capacity: 512×512 pixels

2. Up to 1/64 scan

3. Up to 40 groups of parallel data, 64 groups of serial data (expandable to 128 groups of serial data). Note: physical load capacity.

4. Color management

5. 22bit+

6. Full-grayscale 2.0

7. Pixel level brightness and chroma calibration

8. Quick adjustment of dark or bright lines. Note: Supports adjustment without an input source, and supports independent on/off control.

9. Seam correction with cameras

10. Low latency. Note: Low latency is enabled by default, and non-low latency is not supported.

11. 3D. Note: The load capacity will be reduced by half.

12. Individual gamma adjustment for RGB

13. Image rotation in 90° increments

14. Free image rotation

15. HDR function

16. Display of 3-color 16-point serial input

17. Smart module (dedicated firmware required.)

18. Automatic module calibration

19. Module flash management

20. One click to apply calibration coefficients in module flash

21. Mapping function

22. Settings of a stored image in the receiving card

23. Temperature and voltage monitoring

24. Cabinet LCD. Note: Only 5-Pin LCD is supported.

25. Bit error detection 2.0

26. Firmware program readback

27. Configuration parameter readback

28. Dual card backup and status monitoring

29. Loop backup

30. Dual backup of configuration parameters

31. Dual program backup

32. No rectangle restriction. Note: Works with all-in-one controllers.

33. Adjustable EMC. Note: Works with LCT 5.4.8 or later.

34. Input source supports 10bit/12bit. Note: When used with a M3 sending card, 10-bit/12-bit sources support a load capacity of 512×384 pixels. With a COEX sending card, 10-bit sources support 512×512 pixels, while 12-bit sources support 512×384 pixels.

35. Thermal Compensation 2.0

36. NCP backup and recovery

37. Multi-mode

38. Cabinet painter

39. Smart power supply

Others

1. No additional notes listed.

Driver Chips

1. MBI series: MBI5268

2. SUM series: SM16389SF, SM16389, SM16169SH (SM16380SH, SM16380SW, SM16169SW, SM16386)

3. DP series: DP3264 (DP3256), DP3265 (DP3356, DP3364), DP3368, DP3254 (DP3252, DP3153)

4. ICN series: ICN2055 (ICN1069), ICN2065 (FM6565), ICN1065S, ICN2069 (FM6565), ICN3065, ICN1065L

5. CFD series: CFD555A, CFD555B, CFD535A (CFD555B)

6. FM series: FM6864 (MBI5264)

Decoder Chips

1. RT series: RT5953, RT5958

2. ICN series: ICN2018, ICN2019

3. Common decoder chips: static, pass-through, 74HC595