



SAMSUNG LFD Firmware Release Notes

Year: 2021
Region: Worldwide

IER / IFR / IEA



Revision History

Version	Date(Y/M/D)	Description
1000.2	2019/7/31	- First release of LH025IERTV / LH025IERTV models
1001.4	2019/10/10	- Added FANET commands
1002.3	2019/10/28	- Applied the solution for Cabinet does not boot
1003.1	2019/11/29	- Supports IER-F models
1005.7	2020/2/12	- Supports IER P2.0 and IFR P2.5 models
1006.2	2020/3/11	- Supports IFR / IFR-F P4.0 models
1007.2	2020/4/13	- Improved IFR P4.0 picture quality
1008.2	2020/5/20	- Supports IER / IER-F P1.5 models
1009.1	2020/6/26	- Improved IER P2.0 DP function
1010.2	2020/7/2	- Supports IFR / IFR-F P2.5/P2.0 DSBJ models
1011.1	2020/7/20	- Modify IFR P2.0 DSBJ FPGA setting value - Supports IFR P1.5 models
1012.2	2020/8/4	- Improved IFR P2.5 DP function
1013.1	2020/9/11	- Supports new NAND flash memory
1014.0	2020/9/18	- Supports IFR / IFR-F P1.5 DSBJ models
1015.1	2020/10/16	- Supports IER / IER-F P2.5 Nationstar models
1016.1	2020/11/12	- Supports IER / IER-F P1.5 Nationstar models
1017.0	2020/12/7	- Supports IER / IER-F P2.5 DSBJ models
1018.0	2021/01/14	- Fixed noise issue
1019.3	2021/03/17	- Supports IER / IER-F P2.5 Nationstar ICND Driver IC models
1020.2	2021/03/31	- Supports IEA / IEA-F P2.5/P4.0 models
1021.0	2021/04/27	- Supports IER / IER-F P1.5 Xindeco copper models - Fixed Block dim issue - Supports FET KA version - Adds Remote Monitoring function
1022.4	2021/05/28	- Adds IFR / IFR-F P1.5 Xindeco models
1023.0	2021/08/04	- Adds IER / IER-F P1.5 Nationstar models
1024.2	2021/09/07	- Adds IER / IER-F P2.5 Nationstar models - Adds IFR / IFR-R P1.5, P2.0, P2.5, P4.0 Xindeco Cu models
1025.2	2021/10/05	- Adds VP function for IFR P2.5(LH025IFRTV) model
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Preface

This Release note provides a brief summary of the feature additions and issues resolved in SAMSUNG LED Signage firmware release starting with release 1004.3. The sections in



this document are organized according to release date, with the most recent releases listed first.

Compatible Models

Region	Model Codes
Worldwide	LH015IERKLS / LH015IERKFS LH015IERJLS / LH015IERJFS LH020IERKLS / LH020IERKFS LH025IERKLS / LH025IERKFS LH040IERKLS / LH040IERKFS LH015IFRTL / LH015IFRTFS LH015IFRBL / LH015IFRBFS LH020IFRBL / LH020IFRBFS LH025IFRBL / LH025IFRBFS LH025IFRTL / LH025IFRTFS LH040IFRBL / LH040IFRBFS LH025IEACL / LH025IEACFS LH040IEACL / LH040IEACFS SBB-SNOWJAU / SBB-SNOWJMU / SBB-SNOWRAF LSM

Release 1025.2

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR / IEA

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1025.2
FPGA	15254-23198 (LH015IERTU) / 15844-23198 (LH015IERBU) / 15443-28878 (LH015IERSU) / 15264-02768 (LH015IERTV) / 15464-19698(LH015IERSV) 20254-23166 (LH020IERTV) 25254-00816 (LH025IERTV) / 25444-21706(LH025IERST) / 25844-21708(LH025IERBV) / 25443-35808(LH025IERSV) 40254-00826 (LH040IERTV) 15244-23198(LH015IFRTU) / 15854-23198(LH015IFRBU) / 15274 – 23198(LH015IFRTV) 15214-24618(LH015IFRTC) 20854-23096(LH025IFRBV) / 20224-23788(LH020IFRTC) 25244-25786 (LH025IFRTV) / 25854-21706 (LH025IFRBV) / 25224-23785(LH025IFRTC) 40854-21706 (LH040IFRBV) / 40224-23785(LH040IFRTC)



	25264-04925(LH025IEATV) 40264-04927(LH040IEATV)
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■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1080.0	

2. Main Firmware

2.1 Feature Additions

2.1.1 N/A

2.2 Important Bug Fixes

2.2.1 Fixed VP functions bug.

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 Adds VP functions

3.2 Important Bug Fixes

Release 1024.2

3. Compatibility Notes

2.1 Compatibility Notes

2.1.1 Version compatibility

■ IER / IFR / IEA

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1024.2
FPGA	15254-23198 (LH015IERTU) / 15844-23198 (LH015IERBU) / 15443-28878 (LH015IERSU) / 15264-02768 (LH015IERTV) / 15464-19698(LH015IERSV) 20254-23166 (LH020IERTV)



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	25254-00816 (LH025IERTV) / 25444-21706(LH025IERST) / 25844-21708(LH025IERBV) / 25443-35808(LH025IERSV) 40254-00826 (LH040IERTV)
	15244-23198(LH015IFRTU) / 15854-23198(LH015IFRBU) / 15274 – 23198(LH015IFRTV) 15214-24618(LH015IFRTC) 20854-23096(LH025IFRBV) / 20224-23788(LH020IFRTC)
	25244-21706 (LH025IFRTV) / 25854-21706 (LH025IFRBV) / 25224-23785(LH025IFRTC) 40854-21706 (LH040IFRBV) / 40224-23785(LH040IFRTC)
	25264-04925(LH025IEATV) 40264-04927(LH040IEATV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1080.0	

3. Main Firmware

4.1 Feature Additions

- 4.1.1 Adds IER / IER-F new Nationstar copper models (LH025IERSW)
- 4.1.2 Adds IFR / IFR-F new Xixdeco copper models.(LH015IFRTC / LH025IFRTC)
- 4.1.3 Adds VP functions
- 4.1.4 Ready to support Video Path test function.

4.2 Important Bug Fixes

- 4.2.1 N/A

4. Sub1 Micom Firmware (FPGA)

4.1 Feature Additions

- 4.1.1 Adds IER / IER-F new Nationstar copper models
- 4.1.2 Adds IFR / IFR-F new Xindeco copper models

4.2 Important Bug Fixes

- 4.2.1 Approved gamma data read bug

Release 1023.0

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR / IEA

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1023.0
FPGA	15253-36408 (LH015IERTU) / 15843-26038 (LH015IERBU) / 15443-28878 (LH015IERSU) / 15264-02768 (LH015IERTV) / 15464-19698(LH015IERSV) 20253-35106 (LH020IERTV) 25254-00816 (LH025IERTV) / 25443-26876(LH025IERST) / 25843-26768(LH025IERBV) / 25443-35808(LH025IERSV) 40254-00826 (LH040IERTV) 15243-34658(LH015IFRTU) / 15853-34658(LH015IFRBU) / 15274 – 07418(LH015IFRTV) 20853-35106(LH025IFRBV) 25243-35796 (LH025IFRTV) / 25853-35716 (LH025IFRBV) 40853-35826 (LH040IFRBV) 25264-04925(LH025IEATV) 40264-04927(LH040IEATV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1060.5	

2. Main Firmware

2.1 Feature Additions

- 2.1.1 Adds IER / IER-F new Nationstar copper models (LH015IERSV)
- 2.1.2 Fixed dehumidification left time bug.

2.2 Important Bug Fixes



2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 Adds IER / IER-F new Nationstar copper models

3.2 Important Bug Fixes

3.2.1 N/A.

Release 1022.4

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR / IEA

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1022.4
FPGA	15253-36408 (LH015IERTU) / 15843-26038 (LH015IERBU) / 15443-28878 (LH015IERSU) / 15264-02768 (LH015IERTV) / 20253-35106 (LH020IERTV) / 25254-00816 (LH025IERTV) / 25443-26876(LH025IERST) / 25843-26768(LH025IERBV) / 25443-35808(LH025IERSV) / 40254-00826 (LH040IERTV) / 15243-34658(LH015IFRTU) / 15853-34658(LH015IFRBU) / 15274 – 07418(LH015IFRTV) / 20853-35106(LH025IFRBV) / 25243-35796 (LH025IFRTV) / 25853-35716 (LH025IFRBV) / 40853-35826 (LH040IFRBV) / 25264-04925(LH025IEATV) / 40264-04927(LH040IEATV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None



TB-KTM2SBMDWWC-1060.5	
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2. Main Firmware

2.1 Feature Additions

- 2.1.1 Adds IFR / IFR-F new Xindeco gold models (LH015IFRTV)
- 2.1.2 Ready to support IEA P2.5/4.0 MLS models.

2.2 Important Bug Fixes

- 2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 Adds IFR / IFR-F P1.5 new Xindeco gold models

3.2 Important Bug Fixes

- 3.2.1 N/A.

Release 1021.0

1. Compatibility Notes

1.1 Compatibility Notes

- 1.1.1 Version compatibility

■ IER / IFR / IEA

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1021.0
FPGA	15253-36408 (LH015IERTU) / 15843-26038 (LH015IERBU) / 15443-28878 (LH015IERSU) / 15264-02768 (LH015IERTV) 20253-35106 (LH020IERTV) 25254-00816 (LH025IERTV) / 25443-26876(LH025IERST) / 25843-26768(LH025IERBV) / 25443-35808(LH025IERSV) 40254-00826 (LH040IERTV) 15243-34658(LH015IFRTU) / 15853-34658(LH015IFRBU) 20853-35106(LH025IFRBV) 25243-35796 (LH025IFRTV) / 25853-35716 (LH025IFRBV)



	40853-35826 (LH040IFRBV) 25264-04925(LH025IEATV) 40264-04927(LH040IEATV)
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■ S/Box

Main Version	MagiInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1060.5	

2. Main Firmware

2.1 Feature Additions

- 2.1.1 Adds IER / IER-F new Xindeco copper models (LH015IERTV)
- 2.1.2 Supports FET KA version for IER / IER-F Nationstar models

2.2 Important Bug Fixes

- 2.2.1 Fixed Block Dim issues of IER/IFR ICND2016 Driver IC models

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 Adds IER / IER-F P1.5 new Xindeco copper models

3.2 Important Bug Fixes

- 3.2.1 N/A.

Release 1020.2

1. Compatibility Notes

1.1 Compatibility Notes

- 1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1020.2



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FPGA	15253-36408 (LH015IERTU) / 15843-26038 (LH015IERBU) / 15443-28878(LH015IERSU) 20253-35106 (LH020IERTV) 25254-00816 (LH025IERTV) / 25443-26876(LH025IERST) / 25843-26768(LH025IERBV) / 25443-35808(LH025IERSV) 40254-00826 (LH040IERTV) 15243-34658(LH015IFRTU) / 15853-34658(LH015IFRBU) 20853-35106(LH025IFRBV) 25243-35796 (LH025IFRTV) / 25853-35716 (LH025IFRBV) 40853-35826 (LH040IFRBV) 25264-04925(LH025IEATV) 40264-04927(LH040IEATV)
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■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1060.5	

2. Main Firmware

2.1 Feature Additions

- 2.1.1 Adds IEA / IEA-F P2.5, P4.0 Xindeco models

2.2 Important Bug Fixes

- 2.2.1 N/A.

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 Adds IEA / IEA-F P2.5, P4.0 Xindeco models

3.2 Important Bug Fixes

- 3.2.1 N/A.

Release 1019.3

1. Compatibility Notes



1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1019.3
FPGA	15253-36408 (LH015IERTU) / 15843-26038 (LH015IERBU) / 15443-28878(LH015IERSU) 20253-35106 (LH020IERTV) 25254-00816 (LH025IERTV) / 25443-26876(LH025IERST) / 25843-26768(LH025IERBV) / 25443-35808(LH025IERSV) 40254-00826 (LH040IERTV) 15243-34658(LH015IFRTU) / 15853-34658(LH015IFRBU) 20853-35106(LH025IFRBV) 25243-35796 (LH025IFRTV) / 25853-35716 (LH025IFRBV) 40853-35826 (LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1060.5	

2. Main Firmware

1.2 Feature Additions

1.2.1 Adds IER / IER-F P2.5 Nationstar ICND Driver IC models

1.3 Important Bug Fixes

1.3.1 N/A.

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 Adds IER / IER-F P2.5 Nationstar ICND Driver IC model

3.2 Important Bug Fixes

3.2.1 N/A.

Release 1018.0

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1018.0
FPGA	15253-36408 (LH015IERTU) / 15843-26038 (LH015IERBU) / 15443-28878(LH015IERSU) 20253-35106 (LH020IERTV) 25254-00816 (LH025IERTV) / 25443-26876(LH025IERST) / 25843-26768(LH025IERBV) 40254-00826 (LH040IERTV) 15243-34658(LH015IFRTU) / 15853-34658(LH015IFRBU) 20853-35106(LH025IFRBV) 25243-35796 (LH025IFRTV) / 25853-35716 (LH025IFRBV) 40853-35826 (LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1060.5	

2.1.1 Main Firmware

1.2 Feature Additions

1.2.1 Fixed IFR noise issue at some pattern (changed to x3 interlace mode)

1.3 Important Bug Fixes

1.3.1 N/A.

2. Sub1 Micom Firmware (FPGA)

2.1 Feature Additions



2.1.1 Fixed DP 1frame delay issue and Gamma data bug issue.

2.2 Important Bug Fixes

2.2.1 N/A.

Release 1017.0

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1017.0
FPGA	15253-13228 (LH015IERTU) / 15843-26038 (LH015IERBU) / 15443-28878(LH015IERSU) 20253-14256 (LH020IERTV) 25253-18836 (LH025IERTV) / 25443-26876(LH025IERST) / 25843-26768(LH025IERBV) 40253-18846 (LH040IERTV) 15243-26038(LH015IFRTU) / 15853-26038(LH015IFRBU) 20853-16776(LH025IFRBV) 25243-17116 (LH025IFRTV) / 25853-16956 (LH025IFRBV) 40853-09756 (LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1050.0	

2.1.2 Main Firmware

1.2 Feature Additions

1.2.1 Supports new models(IER / IER-F P2.5 DSBJ)

1.3 Important Bug Fixes

1.3.1 N/A.



2. Sub1 Micom Firmware (FPGA)

2.1 Feature Additions

2.1.1 Supports new models(IER / IER-F P2.5 DSBJ)

2.2 Important Bug Fixes

2.2.1 N/A.

Release 1016.1

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1016.1
FPGA	15253-13228 (LH015IERTU) / 15843-26038 (LH015IERBU) / 15443-28878(LH015IERSU) 20253-14256 (LH020IERTV) 25253-18836 (LH025IERTV) / 25443-26876(LH025IERST) 40253-18846 (LH040IERTV) 15243-26038(LH015IFRTU) / 15853-26038(LH015IFRBU) 20853-16776(LH025IFRBV) 25243-17116 (LH025IFRTV) / 25853-16956 (LH025IFRBV) 40853-09756 (LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1050.0	

2.1.3 Main Firmware

1.2 Feature Additions

1.2.1 Supports new models(IER / IER-F P1.5 Nationstar)



1.2.2 Ready to support new models(IER / IER-F P2.5 DSBJ)

1.3 Important Bug Fixes

1.3.1 N/A.

2. Sub1 Micom Firmware (FPGA)

2.1 Feature Additions

2.1.1 Supports new models(IER / IER-F P1.5 Nationstar)

2.1.2 Ready to support new models(IER / IER-F P2.5 DSBJ)

2.2 Important Bug Fixes

2.2.1 Fixed 1st line dim issue.

Release 1015.1

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1015.1
FPGA	15253-13228 (LH015IERTU) / 15843-26038 (LH015IERBU) 20253-14256 (LH020IERTV) 25253-18836 (LH025IERTV) / 25443-26876(LH025IERST) 40253-18846 (LH040IERTV) 15243-26038(LH015IFRTU) / 15853-26038(LH015IFRBU) 20853-16776(LH025IFRBV) 25243-17116 (LH025IFRTV) / 25853-16956 (LH025IFRBV) 40853-09756 (LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1050.0	



2. Main Firmware

2.1 Feature Additions

- 2.1.1 Supports new models(IER / IER-F P2.5 Nationstar)
- 2.1.2 Ready to support new models(IER / IER-F P1.5 DSBJ)

2.2 Important Bug Fixes

- 2.2.1 N/A.

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 Supports new models(IER / IER-F P2.5 Nationstar)
- 3.1.2 Ready to support new models(IER / IER-F P1.5 DSBJ)

3.2 Important Bug Fixes

- 3.2.1 Fixed cabinet calibration function.

Release 1014.0

1. Compatibility Notes

1.1 Compatibility Notes

- 1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1014.0
FPGA	15253-13228 (LH015IERTU) 20253-14256 (LH020IERTV) 25252-31046 (LH025IERTV) 40252-31046 (LH040IERTV) 15243-19508(LH015IFRTU) / 15853-26038(LH015IFRBU) 20853-16776(LH025IFRBV) 25243-17116 (LH025IFRTV) / 25853-16956 (LH025IFRBV) 40853-09756 (LH040IFRBV)



■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1020.5	

2. Main Firmware

2.1 Feature Additions

2.1.1 Supports new models(IFR / IFR-F P1.5 DSBJ)

2.2 Important Bug Fixes

2.2.1 Changed scanning method, interlaced to progressive.

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 Supports new models(IFR / IFR-F P1.5 DSBJ)

3.2 Important Bug Fixes

3.2.1 Fixed cabinet calibration function.

Release 1013.1

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1013.1
FPGA	15253-13228 (LH015IERTU)
	25252-31046 (LH025IERTV)
	40252-31046 (LH040IERTV)
	20253-14256 (LH020IERTV)
	15243-19508(LH015IFRTU)
	20853-16776(LH025IFRBV)



	25243-17116 (LH025IFRTV) 25853-16956 (LH025IFRBV) 40853-09756 (LH040IFRBV)
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■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1020.5	

2. Main Firmware

2.1 Feature Additions

2.1.1 Supports new NAND flash memory

2.2 Important Bug Fixes

2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 Modified FPGA register value for Interlaced scan and DP function (IFR / IFR-F P2.5 Xindeco)

3.2 Important Bug Fixes

3.2.1 N/A

Release 1012.2

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1012.2
FPGA	15253-13228 (LH015IERTU) 25252-31046 (LH025IERTV)



	40252-31046 (LH040IERTV) 20253-14256 (LH020IERTV) 15243-19508(LH015IFRTU) 20853-16776(LH025IFRBV) 25243-17116 (LH025IFRTV) 25853-16956 (LH025IFRBV) 40853-09756 (LH040IFRBV)
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■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1020.5	

2. Main Firmware

2.1 Feature Additions

2.1.1 Modified FPGA register value for Interlaced scan and DP function (IFR / IFR-F P2.5 Xindeco)

2.2 Important Bug Fixes

2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 Modified FPGA register value for Interlaced scan and DP function (IFR / IFR-F P2.5 Xindeco)

3.2 Important Bug Fixes

3.2.1 N/A

Release 1011.1

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR



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IC	SW Version
AM3352 (Main)	L-IERMWWAC-1011.1
FPGA	15253-13228 (LH015IERTU) 25252-31046 (LH025IERTV) 40252-31046 (LH040IERTV) 20253-14256 (LH020IERTV) 15243-19508(LH015IFRTU - ready) 20853-16776(LH025IFRBV) 25243-04196 (LH025IFRTV) 25853-16956 (LH025IFRBV) 40853-09756 (LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1020.5	

2. Main Firmware

2.1 Feature Additions

- 2.1.1 Modified FPGA register value for Interlaced scan (IFR / IFR-F P2.0 DSBJ)
- 2.1.2 Ready to support IFR / IFR-F P1.5 Models

2.2 Important Bug Fixes

- 2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 Ready to supports new models (IFR / IFR-F P1.5 Xindeco)

3.2 Important Bug Fixes

- 3.2.1 N/A

Release 1010.2

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1010.2
FPGA	15253-13228 (LH015IERTU) 25252-31046 (LH025IERTV) 40252-31046 (LH040IERTV) 20253-14256 (LH020IERTV) 20853-16776(LH025IFRBV) 25243-04196 (LH025IFRTV) 25843-16956 (LH025IFRBV) 40853-09756 (LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1020.5	

2. Main Firmware

2.1 Feature Additions

2.1.1 Supports new models (IFR / IFR-F P2.5/P2.0 DSBJ)

2.2 Important Bug Fixes

2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 Supports new models (IFR / IFR-F P2.5/P2.0 DSBJ)

3.2 Important Bug Fixes

3.2.1 N/A

Release 1009.1

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER / IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1009.1
FPGA	15253-13228 (LH015IERTU) 25252-31046 (LH025IERTV) 40252-31046 (LH040IERTV) 20253-14256 (LH020IERTV) 25243-04196 (LH025IFRTV) 40853-09756 (LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1007.6	
TB-KTM2SBMDWWC-1010.8 (RAF only)	

2. Main Firmware

2.1 Feature Additions

2.1.1 N/A

2.2 Important Bug Fixes

2.2.1 Improved IER P2.0 Dynamic Peaking function(1100 → 1200nit)

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions



3.1.1 N/A

3.2 Important Bug Fixes

3.2.1 Improved IER P2.0 Dynamic Peaking function

Release 1008.2

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER/ IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1008.2
FPGA	15253-13228 (LH015IERTU)
	25252-31046 (LH025IERTV)
	40252-31046 (LH040IERTV)
	20253-04206 (LH020IERTV)
	25243-04196 (LH025IFRTV)
	40853-09756 (LH040IFRBV)

■ S/Box

Main Version	MagiInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1007.6	
TB-KTM2SBMDWWC-1010.8 (RAF only)	

2. Main Firmware

2.1 Feature Additions

2.1.1 Supports new models(IER / IER-F P1.5)

2.2 Important Bug Fixes

2.2.1 N/A



3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 New release for IER/IER-F P1.5 models.

3.2 Important Bug Fixes

3.2.1 N/A

Release 1007.2

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER/ IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1007.2
FPGA	25252-31046 (LH025IERTV)
	40252-31046(LH040IERTV)
	20253-04206(LH020IERTV)
	25243-04196(LH025IFRTV)
	40853-09756(LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1007.6	
TB-KTM2SBMDWWC-1010.8 (RAF only)	

2. Main Firmware

2.1 Feature Additions

2.1.1 Improved IFR P4.0 picture quality



2.2 Important Bug Fixes

2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 Improved IFR P4.0 picture quality (DP luminance 1300 nit → 1500nit)

3.2 Important Bug Fixes

3.2.1 N/A

Release 1006.2

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER/ IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1006.2
FPGA	25252-31046 (LH025IERTV)
	40252-31046(LH040IERTV)
	20253-04206(LH020IERTV)
	25243-04196(LH025IFRTV)
	40853-07046(LH040IFRBV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2050.1	None
TB-KTM2SBMDWWC-1007.6	
TB-KTM2SBMDWWC-1010.8 (RAF only)	

2. Main Firmware



2.1 Feature Additions

- 2.1.1 Supports IFR/IFR-F(P4.0) models
- 2.1.2 Adds Video signal status at the OSD

2.2 Important Bug Fixes

- 2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 Supports IFR / IFR-F(P4.0) models

3.2 Important Bug Fixes

- 3.2.1 N/A

Release 1005.7

1. Compatibility Notes

1.1 Compatibility Notes

- 1.1.1 Version compatibility

■ IER/ IFR

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1005.7
FPGA	25252-31046 (LH025IERTV)
	40252-31046(LH040IERTV)
	20253-04206(LH020IERTV)
	25243-04196(LH025IFRTV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2040.2	None
TB-KTM2SBMDWWC-1007.6	

■ S/Box Sub-Micom

Project	Type	SW Version
SBB-SNOWJAU SBB-SNOWJMU	Sub1 (Internal)	TB-KTM2SBMDWWC-1007.6
	Sub2 (Novatek)	TB-NVT18SLWWS-1005
	Sub3 (FPGA)	TB-XCKUSBMWWF-4.0

2. Main Firmware

2.1 Feature Additions

- 2.1.1 Supports IER/IER-F(P2.0) and IFR / IFR-F(P2.5) models
- 2.1.2 Adds Pixel Calibration data read function
- 2.1.3 Adds IPv6 and Secured MDC function

2.2 Important Bug Fixes

- 2.2.1 N/A

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 N/A

3.2 Important Bug Fixes

- 3.2.1 N/A

Release 1003.1

1. Compatibility Notes

1.1 Compatibility Notes

- 1.1.1 Version compatibility

■ IER

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1003.1
FPGA	25252-31046 (LH025IERTV)
	40252-31046(LH040IERTV)



■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2040.2	None
TB-KTM2SBMDWWC-1007.6	

■ S/Box Sub-Micom

Project	Type	SW Version
SBB-SNOWJ3U	Sub1 (Internal)	TB-HKMLBFWWS-1006
	Sub2 (Novatek)	TB-NVTLXFWS-2012
	Sub3 (FPGA)	TB-FPGASHWS-3.1

Project	Type	SW Version
SBB-SNOWJAU SBB-SNOWJMU	Sub1 (Internal)	TB-KTM2SBMDWWS-1006
	Sub2 (Novatek)	TB-NVT18SLNWS-1002
	Sub3 (FPGA)	TB-XCKUSBMWWF-3.8

2. Main Firmware

2.1 Feature Additions

2.1.1 Supports IER-F(P2.5/P4.0) models

2.2 Important Bug Fixes

2.2.1 Improved issue that Screen color change after power on

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 N/A

3.2 Important Bug Fixes

3.2.1 N/A

Release 1002.3

1. Compatibility Notes

1.1 Compatibility Notes

1.1.1 Version compatibility

■ IER

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1002.3
FPGA	25252-19816 (LH025IERTV) 40252-19816(LH040IERTV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2030.4	None
TB-KTM2SBMDWWC-1003.4	

■ S/Box Sub-Micom

Project	Type	SW Version
SBB-SNOWJ3U	Sub1 (Internal)	TB-HKMLBFWWS-1006
	Sub2 (Novatek)	TB-NVTLXFWWS-2012
	Sub3 (FPGA)	TB-FPGASHWWS-2.97

Project	Type	SW Version
SBB-SNOWJAU	Sub1 (Internal)	TB-KTM2SBMDWWS-1005
	Sub2 (Novatek)	TB- NVT18SLNWWS -1002
	Sub3 (FPGA)	TB-XCKUSBMWWF-2.6

2. Main Firmware

2.1 Feature Additions

2.1.1 N/A



2.2 Important Bug Fixes

- 2.2.1 Improved issue that Cabinet do not boot sometimes (Need to USB update or LSM service version 1001.9)

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 N/A

3.2 Important Bug Fixes

- 3.2.1 N/A

Release 1001.4

1. Compatibility Notes

1.1 Compatibility Notes

- 1.1.1 Version compatibility

■ IER

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1001.4
FPGA	25252-19816 (LH025IERTV) 40252-19816(LH040IERTV)

■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-HMSBHDWWC-2030.4	None
TB-KTM2SBMDWWC-1003.4	

■ S/Box Sub-Micom

Project	Type	SW Version
SBB-SNOWJ3U	Sub1 (Internal)	TB-HKMLBFWWS-1006
	Sub2 (Novatek)	TB-NVTLXFWWS-2012



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	Sub3 (FPGA)	TB-FPGASHWWS-2.97
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Project	Type	SW Version
SBB-SNOWJAU	Sub1 (Internal)	TB-KTM2SBMDWWS-1005
	Sub2 (Novatek)	TB- NVT18SLNWWS -1002
	Sub3 (FPGA)	TB-XCKUSBMWWF-2.6

2. Main Firmware

2.1 Feature Additions

- 2.1.1 Added FANET commands for FPAG Pattern control

2.2 Important Bug Fixes

- 2.2.1 Fixed the bugs when module information read.

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

- 3.1.1 N/A

3.2 Important Bug Fixes

- 3.2.1 N/A

Release 1000.2

1. Compatibility Notes

1.1 Compatibility Notes

- 1.1.1 Version compatibility

■ IER

IC	SW Version
AM3352 (Main)	L-IERMWWAC-1000.2
FPGA	25252-19816 (LH025IERTV)
	40252-19816(LH040IERTV)



■ S/Box

Main Version	MagicInfo-S4 Player Version
TB-KT2SBMDWWC-1000.6	None

■ S/Box Sub-Micom

Project	Type	SW Version
SBB-SNOWJAU	Sub1 (Internal)	TB-KT2SBMDWWS-1002
	Sub2 (Novatek)	TB- NVT18SLNWWS -1002
	Sub3 (FPGA)	TB-XCKUSBMWWF-2.3

2. Main Firmware

2.1 Feature Additions

2.1.1 First release

2.2 Important Bug Fixes

2.2.1 N/A.

3. Sub1 Micom Firmware (FPGA)

3.1 Feature Additions

3.1.1 N/A

3.2 Important Bug Fixes

3.2.1 N/A