

Eagle

2020.07 Mass production inspection

SH Son

Model Name: BFX-AT100

Document Version: ALT_STB_MP_CSMTINS_001

Issued Date: 2020.08.19



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All Life Technology Co., Ltd



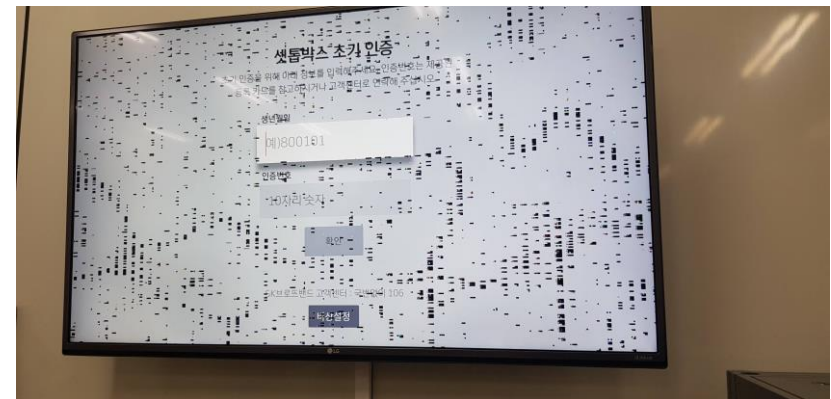
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Document History

Version	Editor	Date	Updates
001	SH Son (Seunghwan Son)	2020.08.19	initial version

- SKB incoming inspection
 - Inspection lot : BFX-AT100 27k delivered on July
 - Sampling size : AQL 0.15 (1000pcs)
 - Date : 2020.07.20 ~ 2020.07.23
 - Inspection lot : BFX-UH200 19k delivered on July
 - Sampling size : AQL 0.15 (1000pcs)
 - Date : 2020.07.29 ~ 2020.08.04
 - Location : [SK networks warehouse](#), Anseong, Korea.
- Overall inspection result
 - ALT get the conditional Pass
- Defect Total
 - Critical
 - HDMI output noise 1pcs
 - Major
 - Carton box damaged 1 pcs
 - Carton label damaged 1 pcs
 - Ethernet cable damaged 1pcs
 - Ethernet cable not working 1pcs
 - HDMI cable not working 1pcs
 - Minor
 - Giftbox printing is tilted 20%

- HDMI output noise : BFX-UH200
 - Issue grade : Critical
 - Defect unit Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - SN : 2149687001202005017630
 - ALT get the SKB waiver to avoid lot reject
 - ALT swap to defective STB : 2149687001202005017630 to 2149687001202099000012
-> Changed the mac address as original one.
 - ALT initial review
 - Test the power on/off and change the 4K TV (LG, Samsung) -> defected.
 - <https://drive.google.com/file/d/1hFzEixU9Nk-GiUvGvOI1zhHW2iqa3jad/view?usp=sharing>
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action



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- Carton box damaged : BFX-AT100
 - Issue grade : Major
 - Defect carton Q'ty : 1pcs / 50pcs
 - Defect rate : 0.2%
 - SN : 214CYA50270808
- Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide giftbox weight test log defected STB.
 - Provide the preventive action



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- Carton label damaged : BFX-UH200

- Issue grade : Major
- Defect carton Q'ty : 1pcs / 50pcs
- Defect rate : 0.2%
- SN :214CYA50292329

- ALT reprinted carton label.

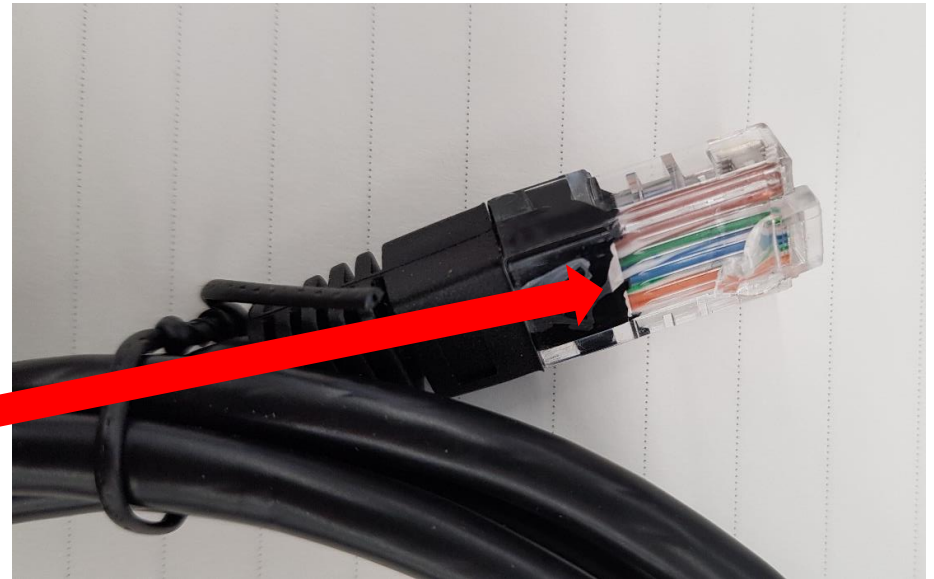
- Action item

- FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action



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- Ethernet cable damaged : BFX-UH200
 - Issue grade : Major
 - Defect unit Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
- ALT replace the Ethernet cable normal one.
- Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action



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- Ethernet cable not working : BFX-UH200
 - Issue grade : Major
 - Defect unit Q'ty : 2pcs / 500pcs
 - Defect rate : 0.4%
 - ALT replace the Ethernet cable normal one.
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action

- HDMI cable not working : BFX-AT100
 - Issue grade : Major
 - Defect unit Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - ALT replace the HDMI cable normal one.
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action

- Giftbox printing is tilted : BFX-UH200
 - grade : Minor
 - Defect unit Q'ty : Not counted
 - Defect rate : about 20%
 - SN : Not counted.
- Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action



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- RCU is missing on giftbox
 - SKB Installation engineer reported that RCU is missing on gift packing
 - SN : 2149688001202003006676 / 2149688001202003017614
 - ALT was provide spare RCU to the end customer.
- Action item
 - FXN should be provide evidence that the RCU was not missing during manufacturing process.



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Thank you.

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