July 15, 2021

Revision History

Item No.	Release Date	Device	Country	Comm. Protocol
Commentary				

BB-EUCH1192 07/15/21 BB300 Euro + Switzerland CCNET

1. Processing of old 50, 100 and 200 CHF (banknotes of the 8th Series) has been disabled.
2. Implemented automatic restoring of the recycling cassette capacity limit after restart (reset command, power interruption, etc.).

Limitations:
1. Diagnostics is disabled.
2. Maintenance Mode can be enabled using Communication Protocol only.

BB-EUCH1191 01/08/19 BB300 Euro + Switzerland CCNET

1. Processing of new 100 EUR (2019) and 200 EUR (2019) has been introduced.
2. Processing of new 100 CHF (2019) has been introduced based on scans provided by SNB (Swiss National Bank).
3. Processing of old 10 CHF and 20 CHF, issued before 2017, has been disabled.

Limitations:
1. Diagnostics is disabled.
2. Maintenance Mode can be enabled using Communication Protocol only.

BB-EUCH1190 10/24/18 BB300 Euro + Switzerland CCNET

1. Counterfeits protection has been improved for 100 EUR.

Limitations:
1. Diagnostics is disabled.
2. Maintenance Mode can be enabled using Communication Protocol only.

BB-EUCH1189 08/31/18 BB300 Euro + Switzerland CCNET

1. Processing of new 200 CHF (2018) has been introduced based on scans provided by SNB (Swiss National Bank).
2. Counterfeit protection for 10 EUR (2014) has been improved based on the latest samples of counterfeits.
3. Acceptance rate for 20 EUR (2015), 50 EUR (2017) and 200 EUR (2002) has been improved.
4. Fixed regression which prevented Dispensing Command to be process properly after Power Cut or Failure.
5. Implemented workaround for potential recoverable bezel indication problem in Idling state.

Limitations:
1. Diagnostics is disabled.
2. Maintenance Mode can be enabled using Communication Protocol only.

BB-EUCH1187 07/07/17 BB300 Euro + Switzerland CCNET

1. Detection and rejection of counterfeits 50 EUR ('02) has been improved based on samples received from the field.

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2. Processing of new 10 CHF (2017) has been introduced based on scans provided by SNB (Swiss National Bank).
3. Support of 50 EUR (2017) banknotes with "R"-code, printed by BUNDESDRUCKEREI, has been added.
4. Acceptance rate for 10 CHF ('97, '03) and 200 CHF ('97) has been improved.
5. Fixed CCNET command applicability after bills retraction.
   That prevents invalid/unexpected operations of the unit when the banknotes are inside of dispenser.

Limitations:
1. Diagnostics is disabled.
2. Maintenance Mode can be enabled using Communication Protocol only.

BB-EUCH1186   02/14/17   BB300   Euro + Switzerland   CCNET

1. Processing of new 50 EUR (2017) has been introduced.
2. Processing of new 20 CHF (2017) has been introduced based on scans provided by SNB (Swiss National Bank).
3. Processing of 5 EUR, 10 EUR and 20 EUR, issued on 2002, has been disabled.
4. Detection and rejection of paper infused banknotes has been implemented.
5. Overall acceptance rate has been improved.
6. "EMPTY DISPENSER" command has been enabled in 0xCA failure state.

Limitations:
1. Diagnostics is disabled.
2. Maintenance Mode can be enabled using Communication Protocol only.

BB-EUCH1185   03/22/16   BB300   Euro + Switzerland   CCNET

1. Processing of new 50 CHF (2016) has been introduced based on scans provided by SNB (Swiss National Bank).
2. Overall acceptance rate has been improved.

Limitations:
1. Diagnostics is disabled.
2. Maintenance Mode can be enabled using Communication Protocol only.

BB-EUCH1184   08/31/15   BB300   Euro + Switzerland   CCNET

1. Processing of new 20 EUR to be issued in 2015 has been introduced.
2. Overall acceptance rate has been improved.
3. Rejection of folded new 20 Euro has been improved to prevent cross-validation.
4. Detection and rejection of EUR counterfeits has been improved.
5. Fixed Power recovery issues during stacking.
6. Fixed missing message about unloaded bills before BOX FULL message.
7. Corrected processing of Statistics counters for bills, packed into cassette after "Power cut during stacking".
8. Eliminated false Power recovery report during initialization after BOX FULL message.

Limitations:
1. Diagnostics is disabled.

BB-EUCH1183   03/13/15   BB300   Euro + Switzerland   CCNET

1. Overall acceptance rate has been improved.
2. Rejection of folded new 10 Euro has been improved to prevent cross-validation.
3. Detection and rejection of counterfeits has been improved.
4. Processing of Barcodes has been improved.
5. Maintenance mode (cleaning card) support added.

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6. Anti-stringing processing improved for long bills (200 CHF).
7. Eliminated random false "BOX FULL" reports.
8. Service mode support is re-enabled.
9. "CashCode" changed to "Suzo-Happ Group" everywhere
10. Bill length transfer into chassis was implemented.
11. DISPENSED message added in case of Dispenser failure during Dispensing operation.
12. CCNET_READ_MODULES_ID support became enabled for Idling mode.
13. Credit message added when reset on accepting.
14. Infinite initialization cycle is fixed. Unit can exit this multifunction state upon reception "RESET" command.
15. Fixed issues with "BOX REMOVED" reporting.
16. Optical length filter implemented
17. Added checking for magnetic sensors' defects.
18. Chassis update using memory card is fixed.

Limitations:
1. Diagnostics is disabled.

BB-EUCH1182	06/16/14	BB300	Euro + Switzerland	CCNET

Processing of new 10 EUR to be issued in 2014 has been introduced.

BB-EUCH1181	05/10/13	BB300	Euro + Switzerland	CCNET

1. Processing of new 5 EUR issued in 2013 has been introduced.
2. Processing of 200 CHF has been introduced.
3. Performance improvement to 5, 10, 20 and 50 EUR.
4. During packing BB tries to reject a bill rather than reports one of the following errors:
   A8, B5, C2 or E5. This modification allows to prevent jams inside BB switch.
5. Jam recovery during Unload has been introduced: after jam in lower tract of BB chassis during unloading operation BB returns jammed bill back to corresponding cassette and try to unload the same bill again.
   This feature has been implemented for 0xE1, 0xE2, 0xE3, 0xE4, 0xE5, 0xE6 error codes.
6. Jam recovery during Dispense has been introduced: if time-out of bill arriving to the input sensor of dispenser (error code 0xD4) is detected then BB returns jammed bill back to corresponding cassette and try to dispense the same bill again.
7. BB statistics in new format has been introduced.
8. FEED LEVEL capability has been introduced.
9. Point of reporting "Waiting for bills to be removed" (0x1D 0x01) state during dispensing has been changed from the moment when BB starts moving the last bill to be dispensed from recycling cassette to dispenser to the moment when the last bill to be dispensed enters the dispenser.
10. Diagnostic command has been introduced.
11. If drop box is removed over dispensing then BB suspends dispensing and reports BOX REMOVED, dispensing will be resumed after drop box replacement.

BB-EUCH1152	10/10/06	BB300	Euro + Switzerland	CCNET

1. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.
2. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
3. Processing of the following options has been implemented:
   'LED BV INHIBIT' -> 0 - LED is red in BV_INHIBIT state; 1 - LED is turned off
   'KEEP BILL' -> 0 - bill will be dropped after returning; 1 - bill will be held

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'LOOK TAPE' -> enhanced processing of pass sensor (0 - OFF, 1 - ON)
'TURN SWITCH' -> switch turning after bill packing (0 - OFF, 1 - ON)

4. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
5. Control of triangle wheel in metal bezel during bill accepting has been improved to prevent the bill sticking.
6. Control of thermo heater in metal dispenser has been added.
7. Enhance the algorithm of BB self-testing: if cassette(s) is (are) removed, software has to skip the algorithm of "device recovery after POWER DOWN" and turn to the regular self-testing.
8. Set higher priority to the indication of "BOX REMOVED" state.
9. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING, DISABLED, ESCROW states (according to "CashCode NET" description).
10. Do not erase an IDENTIFICATION NUMBER of BB unit in statistics after download to the validating head the software designed for another country.
12. BB power recovery feature has been introduced.
11. Non-volatile counters for counting all dispensed or unloaded bills have been added.
13. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
14. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
15. Errors related to setting date/time from B2B keypad in Service mode have been fixed.
16. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
17. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
18. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
19. Prohibit switching to download mode in the following error states:
ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
20. Prohibit performing software RESET in the following error states:
ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
21. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.
22. 22 Remove the control of stand-by battery.
23. Fix for unload in case when some bills were manually removed from the cassette.

BB-EUCH1148   05/03/05   BB300   Euro + Switzerland   CCNET

First release for new hardware:
1. Metal bezel support;
2. Barcode recognition;
3. Jam (credit loss) prevention; chassis soft download;
4. Improvement of short bill returning;
5. Bill drop prevention.