Revision History

Item No.	Release Date	Device	Country	Comm. Protocol
Commentary				

BB-KZ1184 08/20/20 BB300 Kazakhstan CCNET

1. Processing of 500 KZT (2006) has been disabled.

Limitations:
1. Power Recovery is limited because of transparent windows on the banknotes.
2. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").

BB-KZ1183 05/31/18 BB300 Kazakhstan CCNET

1. Processing of new 500 KZT (2017) has been introduced.
2. Acceptance rate for 1000 KZT ('13, '14), 10000 KZT ('11,'12) and 20000 KZT ('15) has been improved.

Limitations:
1. Power Recovery is limited because of transparent windows on the banknotes.
2. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").

BB-KZ1182 02/06/18 BB300 Kazakhstan CCNET

1. Processing of 1000 KZT (2006), 2000 KZT (2010) and 5000 KZT (2008) bills has been disabled.
2. Overall acceptance rate has been improved.
3. Implemented workaround for potential recoverable bezel indication problem in idling state.
4. Fixed CCNET command applicability after bills retraction.
That prevents invalid/unexpected operations of the unit when the banknotes are inside of dispenser.
5. Fixed problem with cassette assignment to nonexistent denomination.

Limitations:
1. Power Recovery is limited because of transparent windows on the banknotes.
2. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").

BB-KZ1181 02/24/17 BB300 Kazakhstan CCNET

1. Processing of new 20000 KZT (2015) has been introduced.
2. Support of 1000 KZT (2014) and 10000 KZT (2011, 2012) has been added.
3. Processing of 2000 KZT, 5000 KZT and 10000 KZT, issued in 2006, has been disabled.
4. Bill table modified to include 20000 KZT ("Bill type 7" has been set to "20000 KZT").
DIP Sw.1.8 is set to "20000 KZT".
5. Overall acceptance rate has been improved based on the latest samples of banknotes received from the field.
6. Maintenance mode (cleaning card) support added.
7. "EMPTY DISPENSER" command has been enabled in 0xCA failure state.

Limitations:

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1. Power Recovery is limited because of transparent windows on the banknotes.

BB-KZ1180   07/14/14   BB300   Kazakhstan   CCNET

1. Added support for 1000 KZT note (2013).
2. Enabled jam recovery algorithm to improve MTBJ.

BB-KZ1154   10/11/07   BB300   Kazakhstan   CCNET

First release.
Distinctive features are:

1. Metal bezel support.
2. Barcode recognition.
3. Jam (credit loss) prevention.
4. Chassis soft download via CCNET.
5. Improved short bill returning.
6. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.
7. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
8. 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
     'LOOK TAPE' -> enhanced processing of pass sensor (0 - OFF, 1 - ON)
     'TURN SWITCH' -> switch turning after bill packing (0 - OFF, 1 - ON)
9. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
10. Control of triangle wheel in metal bezel during bill accepting has been improved to prevent the bill sticking.
11. Control of thermo heater in metal dispenser has been added.
12. 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.
13. Set higher priority to the indication of "BOX REMOVED" state.
14. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING, DISABLED, ESCROW states (according to "CashCode NET" description).
15. Do not erase an IDENTIFICATION NUMBER of BB unit in statistics after download to the validating head the software designed for another country.
16. BB power recovery feature is not supported yet.
17. Nonvolatile counters for counting all dispensed or unloaded bills have been added.
18. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
19. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
20. Errors related to setting date/time from B2B keypad in Service mode have been fixed.
21. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
22. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
23. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
24. Prohibit switching to download mode in the following error states:
    ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
25. Prohibit performing software RESET in the following error states:
    ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
26. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.

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27. Remove the control of stand-by battery.
28. Fix for unload in case when some bills were manually removed from the cassette has been implemented.
29. BB turns to IDLING through chassis re-initialization after the following   sequence: drop box removal, chassis removal, then chassis replacement   and drop box replacement.
30. The keeping of correct BB statistics has been brought in (failure counters).
31. The improved algorithm of drop box initialization has been implemented in order to make sure that BB is always able to determine if drop box is completely attached.
32. Country code has been replaced with currency code in all internal tables.
33. BB statistics (failure counters) is not supported yet.