April 28, 2021

Revision History

Item No.	Release Date	Device	Country	Comm. Protocol
Commentary				

BB-CN1683 — 04/28/21 — BB300 — China — CCNET

1. Processing of new 5 CNY (2020) has been introduced.
2. Acceptance rate for 1 CNY ('19), 20 CNY ('99, '05, '19) and 100 CNY ('99, '05) has been improved.
3. Implemented automatic restoring of the recycling cassette capacity limit after restart (power interruption, reset command etc.).

Limitations:
1. Barcode's processing is disabled.
2. Maintenance mode (cleaning card) support is disabled.

BB-CN1682 — 12/06/19 — BB300 — China — CCNET

1. Processing of new 1, 10, 20 and 50 CNY (2019) has been introduced.
2. Fixed CCNET command applicability after bills retraction.
   That prevents invalid/unexpected operations of the unit when the banknotes are inside of dispenser.
3. Implemented workaround for potential recoverable bezel indication problem in Idling state.

Limitations:
1. Barcode's processing is disabled.
2. Maintenance mode (cleaning card) support is disabled.

BB-CN1681 — 04/29/16 — BB300 — China — CCNET

1. Acceptance rate for 100 CNY (2005, 2015) has been improved based on the latest samples of bills, received from the field.
2. Overall acceptance rate has been improved.
3. "EMPTY DISPENSER" command has been enabled in 0xCA failure state.

Limitations:
1. Barcode's processing is disabled.
2. Maintenance mode (cleaning card) support is disabled.

BB-CN1680 — 02/02/16 — BB300 — China — CCNET

1. Processing of new 100 CNY (2015) has been introduced.
2. Overall acceptance rate has been improved.
3. Introduced Jam Recovery feature (in Unloading and Dispensing).
4. Greeting message was changed to "SUZOHAPP".

Limitations:
1. Barcode's processing is disabled.

BB-CN1671 02/07/13 BB300 China CCNET

1. Overall acceptance rate has been improved according to the latest samples of street grade bills.
2. Performance improvement to 20, 50, 100 CNY.
3. Processing of 2 CNY has been excluded from bill processing.

Limitations:
1. Barcode's processing is disabled.

BB-CN1170 02/15/12 BB300 China CCNET

1. Overall acceptance rate has been improved based on the latest samples of street grade bills.
2. FEED LEVEL capability has been introduced.
3. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.
4. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states.
5. 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.
6. BB statistics in new format has been introduced.

BB-CN1159 12/24/08 BB300 China CCNET

1. Overall acceptance rate has been improved according to the latest samples of street grade bills.
2. Counterfeit protection has been improved based on the latest samples of 5, 10, 20, 50 and 100 CNY counterfeits.
3. Diagnostic command has been introduced.
4. Problem with barcodes stacked to the Escrow cassette (must be packed into drop box only) has been fixed.
5. If drop box is removed over dispensing then BB suspends dispensing and reports BOX REMOVED, dispensing will be resumed after drop box replacement.
6. 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.

BB-CN1155 04/26/07 BB300 China CCNET

1. Counterfeit protection has been enhanced according to the latest samples of glued new 50 & new 100 CNY counterfeits.
2. Processing of new 5, 10, 20, 50 & 100 CNY issued in 2005 has been introduced.
3. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.
4. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
5. 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)
6. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
7. Control of triangle wheel in metal bezel during bill accepting has been improved to prevent the bill sticking.
8. Control of thermo heater in metal dispenser has been added.
9. 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.
10. Set higher priority to the indication of "BOX REMOVED" state.

11. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING, DISABLED, ESCROW states (according to "CashCode NET" description).
12. Do not erase an IDENTIFICATION NUMBER of BB unit in statistics after download to the validating head the software designed for another country.
13. BB power recovery feature has been introduced.
14. Non-volatile counters for counting all dispensed or unloaded bills have been added.
15. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
16. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
17. Errors related to setting date/time from B2B keypad in Service mode have been fixed.
18. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
19. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
20. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
21. Prohibit switching to download mode in the following error states:
    ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
22. Prohibit performing software RESET in the following error states:
    ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
23. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.
24. Remove the control of stand-by battery.
25. Fix for unload in case when some bills were manually removed from the cassette.
26. BB turns to IDLING through chassis re-initialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement.
27. The keeping of correct BB statistics has been brought in (failure counters).
28. 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.

BB-CN1148   07/06/05   BB300   China   CCNET

1. Metal bezel support is implemented (without influence on the acceptance rate)
2. Barcode recognition is included.
3. Jam (credit loss) in case when two bills are inserted one after another is eliminated.
4. Control of centering mechanism is improved (sticking of "jaws" in validating head is eliminated).
5. Chassis software download via CCNET is supported.
6. CCNET interface has been updated:
   - command for chassis software download has been added;
   - "Extended Identification" command has been included;
   - such option as turn to main program's download stage from "BV Failure" and "BV Box Removed" states has been added.
7. Short coupons (tickets, business cards, vouchers) returning has been improved: the object (coupon) was not moved out enough during returning to let the user extract it, now the issue is resolved based on coupon size 85mm * 53mm.
8. Bill drop during rejecting or returning has been eliminated.