

Revision History

Item No.	Release Date	Device	Country	Comm. Protocol
Commentary				
<u>BB-QA1181</u>	03/17/21	BB300	Qatar	CCNET
<ol style="list-style-type: none"> 1. Processing of new 1, 5, 10 and 50 QAR, issued in 2020, has been introduced. 2. Processing of all old bill types of 1, 5, 10, 50, 100 and 500 QAR, issued before 2020, has been disabled. 3. Bill table has been modified (refer to User's Guide for the details): <ul style="list-style-type: none"> - Bill type "4" has been set to "0" (previously was set to "100 QAR"). - Bill type "5" has been set to "0" (previously was set to "500 QAR"). 4. DIP Switches settings have been changed (refer to User's Guide for the details): <ul style="list-style-type: none"> - DIP Switch 1.5 has been set to "Reserved" (previously was assigned to "100 QAR"). - DIP Switch 1.6 has been set to "Reserved" (previously was assigned to "500 QAR"). 5. Fixed CCNET command applicability after bills retraction. That prevents invalid/unexpected operations of the unit when the banknotes are inside of dispenser. 6. Implemented recovery of the Cassettes' Max Level in case of Reset and Power Recovery. 7. Implemented workaround for potential recoverable bezel indication problem in Idling state 8. Detection and rejection of business/plastic cards has been improved. <p>Limitations:</p> <ol style="list-style-type: none"> 1. Maximum number of dispensed bills is limited to 15. 2. 500 QAR cannot be recycled and will be packed into Drop Box. 				
<u>BB-QA1180</u>	09/06/16	BB300	Qatar	CCNET
<ol style="list-style-type: none"> 1. Processing of 100 QAR (2003) and 500 QAR (2003) has been disabled. 2. Overall acceptance rate has been improved. 3. Introduced Jam Recovery feature (in Accepting, Unloading and Dispensing). 4. "EMPTY DISPENSER" command has been enabled in 0xCA failure state. 5. MODULE IDENTIFICATION command has been enabled in IDLING state as per CCNET Protocol description. 6. Maintenance mode (cleaning card) support added. 7. Extended format of Statistics has been introduced. 8. Greeting message was changed to "SUZOHAPP". 9. Part number in response to IDENTIFICATION (37H) and EXTENDED IDENTIFICATION (3EH) commands is now reported as "BB-QA1180" rather than "BB-QR1180". "QA" better reflects country/currency as compared to old "QR". <p>Limitations:</p> <ol style="list-style-type: none"> 1. Maximum number of dispensed bills is limited to 15. 2. 500 QAR cannot be recycled and will be packed into Drop Box. 				
<u>BB-QR1164</u>	05/10/10	BB300	Qatar	CCNET
<ol style="list-style-type: none"> 1. Processing of new 50 QAR issued in 2008 has been introduced. 2. Max number of bills to be dispensed changed to 15. 				

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BB-QR1161

09/14/09

BB300

Qatar

CCNET

First release.

Distinctive features are:

1. Barcode recognition.
2. Chassis soft download via CCNET.
3. Improved short bill returning.
4. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.
5. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
6. 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)
7. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
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. BB power recovery feature has been introduced.
13. Nonvolatile counters for counting all dispensed or unloaded bills have been added.
14. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
15. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
16. Errors related to setting date/time from B2B keypad in Service mode have been fixed.
17. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
18. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
19. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
20. Prohibit switching to download mode in the following error states:
ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
21. Prohibit performing software RESET in the following error states:
ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
22. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.
23. Fix for unload in case when some bills were manually removed from the cassette has been implemented.
24. BB turns to IDLING through chassis re-initialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement.
25. BB statistics (failure counters) is not supported yet.
26. 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.
27. Country code has been replaced with currency code in all internal tables.
28. Barcode is prohibited to be stacked to the recycling cassette.
29. BB suspends dispensing and reports BOX REMOVED if drop box was removed over dispensing; BB will resume dispensing after drop box replacement.

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- 30. 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.
- 31. Diagnostic has been introduced.
- 32. 500 QAR are prohibited to be packed into recycling cassettes.