

# Revision History

Item No.	Release Date	Device	Country	Comm. Protocol
<b>Commentary</b>				
<b><u>BB-AO1182</u></b>	06/24/21	BB300	Angola	CCNET
<ol style="list-style-type: none"> <li>1. Processing of new polymer bill types 200, 500, 1000 and 2000 AOA (series 2020, issued in 2020-2021) has been introduced.</li> <li>2. Overall acceptance rate has been improved.</li> <li>3. Implemented automatic restoring of the recycling cassette capacity limit after restart (power interruption, reset command, etc.).</li> <li>4. Implemented workaround for potential recoverable bezel indication problem in idling state.</li> <li>5. "EMPTY DISPENSER" command has been enabled in 0xCA failure state.</li> <li>6. Implemented CCNET command applicability after bills retraction.</li> </ol> <p>Limitations:</p> <ol style="list-style-type: none"> <li>1. Maintenance Mode can be enabled using Communication Protocol only.</li> <li>2. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").</li> <li>3. Jam recovery and Power recovery are limited because of transparent windows on the banknotes.</li> </ol>				
<b><u>BB-AO1181</u></b>	05/11/16	BB300	Angola	CCNET
<ol style="list-style-type: none"> <li>1. Processing of the banknotes of the "1999 family" (5, 10, 50, 100, 200, 500, 1000 and 2000 AOA) has been disabled.</li> <li>2. Maintenance mode (cleaning card) support added.</li> </ol> <p>Limitations:</p> <ol style="list-style-type: none"> <li>1. Maintenance Mode can be enabled using Communication Protocol only.</li> </ol>				
<b><u>BB-AO1180</u></b>	10/30/14	BB300	Angola	CCNET
<ol style="list-style-type: none"> <li>1. Introduction of notes issued in 2012: 50, 100, 200, 500, 1000, 2000 and 5000 AOA.</li> <li>2. Improved performance and jam recovery while handling long bills like 2000, 5000 AOA when used with chassis firmware BB-BC804845.</li> </ol>				
<b><u>BB-AO1163</u></b>	12/03/09	BB300	Angola	CCNET
<p>First release.</p> <p>Distinctive features are:</p> <ol style="list-style-type: none"> <li>1. Barcode recognition.</li> <li>2. Chassis soft download via CCNET.</li> <li>3. Improved short bill returning.</li> <li>4. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.</li> <li>5. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.</li> <li>6. Processing of the following options has been implemented: 'LED BV INHIBIT' -&gt; 0 - LED is red in BV_INHIBIT state; 1 - LED is turned off</li> </ol>				

- '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:
  21. 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. Fix for unload in case when some bills were manually removed from the cassette has been implemented.
  25. BB turns to IDLING through chassis re-initialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement.
  26. BB statistics (failure counters) is not supported yet.
  27. 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.
  28. Country code has been replaced with currency code in all internal tables.
  29. Barcode is prohibited to be stacked to the recycling cassette.
  30. BB suspends dispensing and reports BOX REMOVED if drop box was removed over dispensing; BB will resume dispensing after drop box replacement.
  31. 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.
  32. Diagnostic has been introduced.
  33. FEED LEVEL capability has been introduced.
  34. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.