March 9, 2022

Revision History

Item No. Commentary	Release Date (mm/dd/yy)	Device	Country	Comm. Protocol
BB-USMX1185	03/09/22	BB300	USA + Mexico	CCNET

1. Processing of new polymer 20 MXN (2021, Commemorative) and new polymer 50 MXN (2021) has been introduced.
2. Classification and acceptance rate for 1000 MXN have been improved based on the latest samples of street grade banknotes received from customer.
3. Overall acceptance rate has been improved.
4. Detection and rejection of old and disabled bill types have been improved.

Limitations:
1. Maintenance Mode can be enabled using Communication Protocol only.
2. Diagnostics is not supported.
3. Power recovery is limited because of transparent windows on the banknotes.
4. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").

BB-USMX1184	06/23/21	BB300	USA + Mexico	CCNET

1. Processing of new 100 MXN (2020) and 1000 MXN (2019), both issued in 2020, has been introduced.
2. Processing of six old bill types 20 MXN (1992-'00), 50 MXN (1990-'03), 100 MXN (1992-'08), 200 MXN (1992-'07), 500 MXN (1994-'08) and 1000 MXN (2005) has been disabled.
3. Overall acceptance rate has been improved.
4. Implemented automatic restoring of the recycling cassette capacity limit after restart (reset command, power interruption, etc.).

Limitations:
1. Maintenance Mode can be enabled using Communication Protocol only.
2. Diagnostics is not supported.
3. Power recovery is limited because of transparent windows on the banknotes.
4. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").

BB-USMX1183	12/23/19 CCNET	BB300	USA + Mexico	

1. Processing of new 200 MXN (series 2018, issued in 2019) has been introduced.
2. Overall acceptance rate has been improved.

Limitations:
1. Maintenance Mode can be enabled using Communication Protocol only.
2. Diagnostics is not supported.
3. Power recovery is limited because of transparent windows on the banknotes.

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4. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").

BB-USMX1182   12/03/18   BB300   USA + Mexico   CCNET

1. Processing of new 500 MXN (2018) has been introduced.
2. Processing of 2 USD, 5 USD, 10 USD, 20 USD, 50 USD and 100 USD, issued before 1996, has been disabled.
3. Bill table has been modified to exclude 2 USD ("Bill type 1" is set to "not used").
4. DIP Switch settings have been changed to exclude 2 USD (DIP Sw.1.2 is set to "Reserved").
5. Counterfeit protection has been improved based on the latest samples of 20 MXN counterfeits.
6. Overall acceptance rate has been improved.
7. In idling mode the command to set the bezel light to green is sent frequently
8. Fixed CCNET command applicability after bills retraction.
   That prevents invalid/unexpected operations of the unit when the banknotes are inside of dispenser.

Limitations:
1. Maintenance Mode can be enabled using Communication Protocol only.
2. Diagnostics is not supported.
3. Power recovery is limited because of transparent windows on the banknotes.
4. Bill retraction functionality is limited. "Empty Dispenser" command must follow immediately after bill retraction (state "CA").

BB-USMX1181   12/21/16   BB300   USA + Mexico   CCNET

1. Processing of new 100 MXN (2017) has been introduced.
2. Overall acceptance rate has been improved.
3. "EMPTY DISPENSER" command has been enabled in 0xCA failure state.
4. Maintenance mode support added.

Limitations:
1. Maintenance Mode can be enabled using Communication Protocol only.
2. Diagnostics is not supported.
3. Power recovery is limited because of transparent windows on the banknotes.

BB-USMX1180   08/18/14   BB300   USA + Mexico   CCNET

1. Introduction of new 50 Mexican Peso (2013).
2. Greeting message was changed to "SUZOHAPP".

BB-USMX1167   03/02/11   BB300   USA + Mexico   CCNET

1. Processing of new 100 and 500 MXN issued in 2010 has been introduced.
2. Processing of new 100 and 200 MXN issued in 2009 has been introduced.
3. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states.
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. FEED LEVEL capability has been introduced.
6. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.

BB-USMX1159	02/26/09	BB300	USA + Mexico	CCNET

1. Processing of new 200 and 1000 MXN issued in 2008 has been introduced.
2. Synchronization by translucent optic signals has been implemented to fix the problem with accepting of transparent plastic 50 MXN bills.
3. Diagnostic command has been introduced (see MAN_CCNET d7 Rev.2.5.1).
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. Counterfeit protection has been improved based on the latest samples of 100 MXN counterfeits.
7. 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-USMX1154	11/09/07	BB300	USA + Mexico	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. Non-volatile 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.

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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 enabled 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.
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 internal tables.
33. BB statistics (failure counters) is not supported yet.

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