June 14, 2022

Revision History

Item No.	Release Date	Device	Country	Comm. Protocol
Commentary	(mm/dd/yy)			

BB-MX1193 06/14/22 BB300 Mexico CCNET

1. Acceptance rate for polymer 100 MXN (2020) has been improved based on the latest samples of street grade banknotes (dated "21 MAY.2021") received from customer.

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-MX1192 01/11/22 BB300 Mexico CCNET

1. Processing of new polymer 20 MXN (2021, Commemorative) and new polymer 50 MXN (2021) has been introduced.
2. Acceptance rate for 1000 MXN has been improved based on the latest samples of street grade banknotes received from customer.
3. Classification tree and overall acceptance rate have been improved.
4. "Anti-fishing" feature 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-MX1191 05/10/21 BB300 Mexico CCNET

1. Processing of new 100 MXN (2020) and 1000 MXN (2019), issued in 2020, has been introduced.
2. Processing of the 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. 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-MX1190 09/28/20 BB300 Mexico CCNET

1. Based on the latest samples of street-grade bills, the banknote validation algorithms have been improved to eliminate cross validation. Acceptance rate of the street grade notes might be affected.

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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-MX1189   11/22/19   BB300   Mexico   CCNET

1. Acceptance rate for 200 MXN (series 2018) has been improved based on the samples of banknotes series letter "B", printed in 2019.
2. Overall acceptance rate 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-MX1188   07/17/19   BB300   Mexico   CCNET

1. Processing of new 200 MXN (2018) has been introduced.
2. Acceptance rate for 20 MXN (2007) has been improved according to the latest samples of street grade bills received from customer.
3. Overall acceptance rate 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-MX1187   05/10/19   BB300   Mexico   CCNET

1. Processing of 200 MXN (series 2007, printed in 2014/2015) has been improved to prevent the cross-validation.
2. Overall acceptance rate 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-MX1186   04/03/18   BB300   Mexico   CCNET

1. Processing of new 500 MXN (2018) 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. 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").

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BB-MX1185 04/18/17 BB300 Mexico CCNET

1. Counterfeit protection has been improved based on the latest samples of 20 MXN counterfeits.
2. Double bills rejection have been improved for 20 MXN and 50 MXN.
3. Overall acceptance rate has been improved.

Limitations:
1. Jam/Power recovery is limited because of transparent windows on the banknotes.

BB-MX1184 12/06/16 BB300 Mexico CCNET

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

Limitations:
1. Jam/Power recovery is limited because of transparent windows on the banknotes.

BB-MX1183 09/23/15 BB300 Mexico CCNET

1. Eliminated false bills rejection accompanied by "CHEATED" message.
2. Overall acceptance rate has been improved.
3. Greeting message changed to "SUZOHAPP".
4. Fixed missing message about unloaded bills before BOX FULL message.
5. Eliminated false Power recovery report during initialization after BOX FULL message.
6. Improved Power Recovery procedure to prevent a potential credit loss after Power interruption.

Limitations:
1. Jam/Power recovery is limited because of transparent windows on the banknotes.
2. Maintenance mode (cleaning card) is not supported.

BB-MX1182 07/10/14 BB300 Mexico CCNET

Improved acceptance of 50 pesos notes.

BB-MX1181 03/31/13 BB300 Mexico CCNET

Processing of new 50 MXN to be issued in 2013 has been introduced.

BB-MX1180 07/31/12 BB300 Mexico
CCNET

1. Jam recovery during Unload has been introduced: after jam in lower tract of BB chassis during unloading operation BB returns jammed bill back to corresponding cassette and try to unload the same bill again. This feature has been implemented for 0xE1, 0xE2, 0xE3, 0xE4, 0xE5, 0xE6 error codes.
2. Jam recovery during Dispense has been introduced: if time-out of bill arriving to the input sensor of dispenser (error code 0xD4) is detected then BB returns jammed bill back to corresponding cassette and try to dispense the same bill again.

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| **BB-MX1167** | 11/29/10 | BB300 | Mexico | CCNET |

1. Processing of new 100 and 500 MXN issued in 2010 has been introduced.
2. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states.
3. 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.

| **BB-MX1163** | 01/29/10 | BB300 | Mexico | CCNET |

1. Processing of new 100, 200 MXN issued in 2009 has been introduced.
2. FEED LEVEL capability has been introduced.
3. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.

| **BB-MX1159** | 01/05/09 | BB300 | Mexico | CCNET |

1. Counterfeit protection has been improved based on the latest samples of 100 MXN counterfeits.
2. 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-MX1158** | 08/26/08 | BB300 | 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.

| **BB-MX1154** | 11/01/07 | BB300 | Mexico | CCNET |

1. Processing of new 20 MXN issued in 2007 has been introduced.
2. Country code has been replaced with currency code in all internal tables.
3. BB statistics (failure counters) is not supported yet.

| **BB-MX1153** | 02/13/07 | BB300 | Mexico | CCNET |

1. BB turns to IDLING through chassis re-initialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement.
2. The keeping of correct BB statistics has been brought in (failure counters).
3. 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.
4. Sticking of plastic bills during their transportation in BB chassis has been eliminated.
5. Processing of new 50 MXN issued in 2006 has been introduced.

| **BB-MX1152** | 08/08/06 | BB300 | Mexico | CCNET |

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1. BB power recovery feature is not supported yet.
2. Non-volatile counters for counting all dispensed or unloaded bills have been added.
3. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
4. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
5. Errors related to setting date/time from B2B keypad in Service mode have been fixed.
6. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
7. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
8. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
9. Prohibit switching to download mode in the following error states:
   ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
10. Prohibit performing software RESET in the following error states:
   ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
11. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.
12. Fix for unload in case when some bills were manually removed from the cassette has been implemented.
13. Remove the control of stand-by battery.
14. Processing of new 1000 MXN bills has been introduced.

BB-MX1150   03/10/06   BB300   Mexico   CCNET

Distinctive features are:

1. Chassis soft download via CCNET.
2. Improved short coupon returning.
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.

BB-MX1545   03/09/05   BB300   Mexico   CCNET

June 14, 2022

First release for new BB hardware: metal bezel support; barcode recognition; jam (credit loss) prevention; improved control of alignment mechanism; credit recovery is not supported yet.