

# Revision History

January 9, 2014

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No	Item No.	File Name	Release Date	Device	Country	Comm. Protocol
1	<b><u>BB-US1180</u></b>	FL-US7AAJ1-1.80-BB.hex	01/09/14	BB	USA	CCNET
		All the latest software improvements in preparation for the divestiture of Bill-to-Bill product line have been incorporated.				
2	<b><u>BB-US1170</u></b>	FL-US7AAJ1-1.70-BB.hex	11/30/11	BB	USA	CCNET
		<ol style="list-style-type: none"><li>1. Processing of new 100 USA issued in 2010 has been introduced.</li><li>2. Overall acceptance has been improved based on the latest samples of street grade bills.</li><li>3. Barcode is prohibited to be stacked to the recycling cassette.</li><li>4. BB suspends dispensing and reports BOX REMOVED if drop box was removed over dispensing; BB will resume dispensing after drop box replacement.</li><li>5. 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.</li><li>6. Diagnostic has been introduced.</li><li>7. FEED LEVEL capability has been introduced.</li><li>8. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.</li><li>9. BB statistics in new format has been introduced.</li><li>10. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states.</li><li>11. 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.</li></ol>				
3	<b><u>BB-US1158</u></b>	FL-US7AAJ1-1.58-BB.hex	03/19/08	BB	USA	CCNET
		<ol style="list-style-type: none"><li>1. Processing of new 5 USD issued in 2008 has been introduced.</li><li>2. Counterfeit protection has been improved based on the latest samples of 50 USD counterfeit and high-quality 100 USD counterfeits.</li><li>3. Country code has been replaced with currency code in all internal tables.</li><li>4. BB turns to IDLING through chassis reinitialization after the following sequence: drop box removal, chassis removal, then chassis replacement and drop box replacement.</li><li>5. 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.</li><li>6. BB statistics (failure counters) is not supported yet.</li></ol>				
4	<b><u>BB-US1152</u></b>	FL-US7AAJ1-1.52-BB.hex	08/08/06	BB	USA	CCNET
		<ol style="list-style-type: none"><li>1. Prohibit switching to download mode in the following error states: ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.</li><li>2. Prohibit performing software RESET in the following error states: ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.</li><li>3. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.</li><li>4. Remove the control of stand-by battery.</li><li>5. Fix for unload in case when some bills were manually removed from the cassette.</li></ol>				
5	<b><u>BB-US1151</u></b>	FL-US7AAJ1-1.51-BB.hex	04/25/06	BB	USA	CCNET
		<ol style="list-style-type: none"><li>1. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.</li><li>2. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.</li></ol>				



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Commentary									
9	<u>BB-US1745</u>	FL-US7AAJ1-1.45-BB	03/09/05	BB		USA	CCNET		
Improved control of centering mechanism during bill rejecting or returning									
10	<u>BB-US1744</u>	FL-US7AAJ1-1.44-BB	03/01/05	BB		USA	CCNET		
Metal bezel is supported; barcode recognition was added; jam (credit loss) prevention is implemented									
11	<u>BB-US1742</u>	FL-US7AAJ1-1.42-BB	01/31/05	BB		USA	CCNET		
Acceptance of \$1; \$50('96) & \$100('95) bills was improved									
12	<u>BB-US1740</u>		12/21/04	BB		USA	CCNET		
First release for new hardware									