

# **Baltimore USB Firmware Version 4.64**

**06/20/2011, Checksum 1509, File Name: SCv464.tsk**

## **Section Summary:**

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Version: 06/20/2011

EC#:

CQ/PMH#:XB061444

## **Summary of changes:**

Fixed security controller from starting up in self-test mode when using Linux

Added support for the use of Columbia Proximity sensor

Added support to set the Bill Acceptor to standard bezel type

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## **Change Details:**

Fixed security controller from starting up in self-test mode when using Linux

## **Reason for change/reported problem:**

Occasionally on Linux systems when powering up the lane using the green button the security controller would start in self-test mode. This is not normal operations and the lane will not operate correctly in this mode.

## **Re-create problem:**

- 1) Using a Linux base PC power off/on lane using green button
- 2) When error occurs the security controller will be flashing self-test error codes

## **Fix: SM.asm**

Added digital filter to the self-test input signal. Now requires a 5 ms press time

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**Change detail:**

Added support for the use of Columbia Proximity sensor

**Reason for change/reported problem:**

As a cost savings need to replace old Baltimore proximity sensor with Columbia's

**Re-create problem:**

No problem, new feature

**Fix: prox.asm**

Added code to support both Baltimore and Columbia proximity sensor.

**Testing:**

Calibrate and check range of both Baltimore and Columbia Proximity sensor

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**Change Details:**

Added support to set the Bill Acceptor to standard bezel type

**Reason for change/reported problem:**

The lane now supports two types of bill acceptor bezels. Baltimore lane must use the standard configuration.

**Fix:Port5.asm,BILL\_ACC.asm**

Added port 5 command "BF" Set to standard bezel type

This command will send 0x60,0x11 to the bill acceptor

**Testing:**

- 1) Configure bill acceptor to a non-standard bezel
- 2) Using SecModule\_Utility 0.4.18.0 or greater
- 3) Select option 2 "Bill Acceptor Functions"
- 4) Select option 3 "Set to Standard Bezel type"