



A Tyco International Company

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DECLARATION OF SIMILARITY

28th Feb 2017

RE: Declaration of Similarity
FCC ID: QABS700V1-00

To Whom It May Concern:

Please be advised that the variants RDR/700/XXX, RDR/701/XXX, RDR/702/XXX are electronically identical and all RF measurements and test results are the same. The product code refers to whether the reader is configured as a host or exit. All three versions are built to one identical hardware and firmware build.

Variants RDR/XXX/005 and RDR/XXX/007 are identical in both hardware and firmware, but are only marketed for use with Mifare or DESFire card formats.

Variants RDR/XXX/006 and RDR/XXX/008 are identical in both hardware and firmware, but are only marketed for use with iCLASS or Picopass card formats.

Variants RDR/XXX/005 and RDR/XXX/007 are electronically similar to RDR/XXX/006 and RDR/XXX/008, but component U9 is not fitted on RDR/XXX/005 and RDR/XXX/007. This component is the iCLASS SE Processor which contains the HID reader capabilities programmed onto a 32-Bit smartcard microcontroller. This is used for communicating with HID iCLASS card technology. The unit that was tested is an RDR/XXX/003 build and is running firmware to exercise all card technologies. Other than component U9 both variants are electronically identical and all RF measurements and test results are the same. Both versions use the same firmware build.

Variant RDR/XXX/009 is identical in both hardware and firmware to RDR/XXX/005 but is only marketed for use only with the keypad.

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The physical enclosure for each unit is identical, there are no identifying features on the case to identify different variants. Identification is achieved through two methods. First each unit has an adhesive label adhered to it which includes the product code along with the FCC ID. Alternatively this product code can be retrieved through the menu system, if the unit is powered on.

Thank you for your attention to this matter.

Yours faithfully

Controlled Electronic Management Systems Limited

A handwritten signature in black ink, appearing to read "Ian Schofield".

Ian Schofield

(Hardware Manager)

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