



Nov. 26, 2018

Application Examiner

**RE: Gemalto Document Reader Model Differences**

**Applicant: Gemalto, Inc.**

**FCC ID: 2AQL3PR01523**

**To Whom it may Concern:**

This letter is to summarize the differences between Gemalto document reader models PV70-02-00-00-01/PV75-02-00-00-01 and new models PV71-02-00-00-01/PV76-02-00-00-01.

**Models previously tested:**

**PV70-02-00-00-01** Marketing name: **Gemalto Document Reader AT10K**

**PV75-02-00-00-01** Marketing name: **Gemalto OEM Document Reader AT10K**

**New models:**

**PV71-02-00-00-01** Marketing name: **Gemalto Intelligent Document Reader AT10Ki**

**PV76-02-00-00-01** Marketing name: **Gemalto Intelligent OEM Document Reader AT10Ki**

Model PV71-xx differs from its PV70-xx predecessor only in the CPU main board that is installed. PV71-xx models incorporate a CPU board with additional processing power and memory, allowing those models to perform more on-board processing of the acquired optical and radio data. Both PV71-xx and PV70-xx models share a common desktop enclosure and both models use the same USB-connected RFID circuit board, arranged and interconnected identically, for reading data from 13.56MHz contactless cards.

Similarly, model PV76-xx differs from its PV75-xx predecessor only in the CPU main board that is installed. PV76-xx models incorporate a CPU board with additional processing power and memory, allowing those models to perform more on-board processing of the acquired optical and radio data. Both PV76-xx and PV75-xx models share a common rectangular enclosure designed to be incorporated into the customer's end product, for example, a self-service kiosk, and both models use the same USB-connected RFID circuit board, arranged and interconnected identically, for reading data from 13.56MHz contactless cards.

Because the only difference is in the choice of main CPU board, and this board does not influence the RFID radio board since that radio board is simply a USB-connected "peripheral" within the product enclosure, it is my professional opinion that PV71/76 models are equivalent in terms of their radio compatibility to the predecessor PV70/75 models.

If you have any questions or comments, please do not hesitate to contact me.



Sincerely,

A handwritten signature in black ink that reads "Stephen P. Bernard".

**Stephen Bernard**

Manager, Hardware R&D  
Gemalto Canada  
1545 Carling Avenue  
Ottawa, Ontario, Canada K1Z 8P9  
Tel: +1 (613) 221-4988  
stephen.bernard@gemalto.com