



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". The signature is written in a cursive, flowing style.

Stephen Bernard

Manager, Hardware R&D

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