



HID Global  
10385 Westmoor Drive, Ste. 300  
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April 11, 2008

To whom it may concern:

This submittal for certification consists of different products that are comprised of the identical main board, RF Circuit and integral antenna on the main PCB. Since adequate testing of the non-keypad and keypad geometries was completed by TÜV Rheinland EPS B.V. (FCC Listed: 90828 and IC Registered IC3501 Site), and the fact that the plastic enclosure differences do not affect compliance; the model designation for certification for FCC shall be “814xD Proximity Card Readers”. For Industry Canada, the Model Numbers listed shall be “8140D and 8141D” (refer to the AoS on the following pages for differences).

The FCC ID Shall Be: JQ6-SMARTTRANS2

The IC ID Shall Be: 2236B-SMARTTRANS2 – Part numbers to family as 8140D and 8141D – Model Number: 814xD

Sincerely,

A handwritten signature in black ink that reads "Todd Seeley".

Todd Seeley  
Manager – Compliance Engineer  
HID Global Corporation



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### Attestation of Similarity

The **SmartID** product family consists of different models that incorporate an identical main CCA (SmartReaderII V01.03) that has integral, Power Section, I/O Section, Digital Processing Section, RF Section and Antenna. This main board is then placed within different plastic enclosure that do not impact compliance for Safety, Radio, Emissions and most immunity requirements. In addition, other CCA's may be added to the main CCA integral to the plastic enclosure to add functionality to the device (E.g. a passive Keypad, 125kHz Prox and biometrics). In cases where the basic geometries may affect compliance – prescans are performed in order to identify the worst case model. All Engineering justifications and or compliance impacts are addressed within the report in the form of additional testing and/or notes.

### SmartID

The following 3 readers share the identical basic product configuration geometry – the only differences between the models is described below.

Reader Type	Mullion – 13.56MHz Reader			
	Enclosure	Main CCA	CCA #2	CCA# 3
Representative Test Sample Configuration	Plastic/Potted	SmartReaderII V01.03	N/A	N/A
Part Number	8030D			

Reader Type	Mullion with Keypad – 13.56MHz Reader			
	Enclosure	Main CCA	CCA #2	CCA# 3
Representative Test Sample Configuration	Plastic/Potted	SmartReaderII V01.03	Membrane Keypad V01.00	N/A
Part Number	8031D			
Difference Description From 1st Model	The only difference of this Model from the 8030D above is that a passive keypad is added – changing the product mechanical geometry that may effect emissions and immunity. Everything else is identical.			

Reader Type	Desktop – 13.56MHz Reader			
	Enclosure	Main CCA	CCA #2	CCA# 3
Representative Test Sample Configuration	Plastic	SmartReaderII V01.03	N/A	N/A
Part Number	8032D			
Difference Description From 1st Model	The only difference of this Model from the 8030D above is that it is placed in a differently molded plastic enclosure. Everything else is identical.  There is no other board (passive or active) within this product – therefore testing the 8030D applicable to the 8032D and does not need redone. However, ESD testing shall be done on this unit for the plastic housing is different than the 8030D.			

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### SmartTRANS1

The following 2 readers share the identical basic product configuration geometry – the only differences between the models is described below.

Reader Type	Mullion – SmartTRANS1 – 13.56MHz&125kHz Reader			
	Enclosure	Main CCA	CCA #2	CCA# 3
Representative Test Sample Configuration	Plastic/Potted	SmartReaderII V01.03	SmartExtension125 V02.00	N/A
Part Number	8100D			
Difference Description From 1st Model	The only difference of this Model from the 8030D above is that it has an add on CCA “SmartExtension125” that adds the ability to read 125kHz proximity cards that sits above the SmartReaderII board within the potting and plastic enclosure. In addition, the buzzer and back LED are relocated – straight through to the SmartExtension125 CCA. Everything else is identical.			

Reader Type	Mullion with Keypad – SmartTRANS1 – 13.56MHz&125kHz Reader			
	Enclosure	Main CCA	CCA #2	CCA# 3
Representative Test Sample Configuration	Plastic/Potted	SmartReaderII V01.03	SmartExtension125 V02.00	Membrane Keypad V01.00
Part Number	8101D			
Difference Description From 1st Model	The only difference of this Model from the 8031D above is that it has an add on CCA “SmartExtension125” that adds the ability to read 125kHz proximity cards that sits above the SmartReaderII board within the potting and plastic enclosure. In addition, the buzzer and back LED are relocated – straight through to the SmartExtension125 CCA. Everything else is identical.			

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### SmartTRANS2

The following 4 readers share the identical basic product configuration geometry – the only differences between the models is described below.

Reader Type	Mullion – SmartTRANS2 – 13.56MHz&125/138kHz Reader			
	Enclosure	Main CCA	CCA #2	CCA# 3
Representative Test Sample Configuration	Plastic/Potted	SmartReaderII V01.03	SmartExtensionPSK V01.10	N/A
Part Number	8140D			
Difference Description From 1st Model	The only difference of this Model from the 8030D above is that it has an add on CCA "SmartExtensionPSK" that adds the ability to read 125kHz proximity cards that sits above the SmartReaderII board within the potting and plastic enclosure. In addition, the buzzer and back LED are relocated – straight through to the SmartExtensionPSK CCA. Everything else is identical.			

Reader Type	Mullion with Keypad – SmartTRANS2 – 13.56MHz&125/138kHz Reader			
	Enclosure	Main CCA	CCA #2	CCA# 3
Representative Test Sample Configuration	Plastic/Potted	SmartReaderII V01.03	SmartExtensionPSK V01.10	Membrane Keypad V01.00
Part Number	8141D			
Difference Description From 1st Model	The only difference of this Model from the 8031D above is that it has an add on CCA "SmartExtensionPSK" that adds the ability to read 125kHz proximity cards that sits above the SmartReaderII board within the potting and plastic enclosure. In addition, the buzzer and back LED are relocated – straight through to the SmartExtensionPSK CCA. Everything else is identical.			

Supporting product photos are on the following pages after the signature below.

*Todd Seeley*

Company Representative Signature:  
Todd Seeley – Manager/Compliance Engineer

4-15-08

Statement Date:

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From Right to Left (Products in Plastic Enclosures)

1. 8030D Mullion Reader – Also Represents the 8100D & 8140D.
2. 8031D Mullion Reader with Keypad – Also Represents the 8101D & 8141D
3. 8032D Desktop Reader/Programmer
4. SmartReaderII V01.03 Main CCA (the main active CCA incorporated in every product addressed by this AoS).

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