



HID Global
10385 Westmoor Drive, Ste. 300
Westminster, CO 80021

Feb. 20, 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 “803xD & 810xD Proximity Card Readers”. For Industry Canada, the Model Numbers listed shall be “8030D, 8031D, 8032D, 8100D and 8101D” (refer to the AoS on the following pages for differences).

The FCC ID Shall Be:

JQ6-SMARTID (13.56MHz)

JQ6-SMARTRANS1 (13.56MHz and 125kHz)

The IC ID Shall Be: 2236B-SMARTID

Sincerely,

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

Todd Seeley
Manager – Compliance Engineer
HID Global Corporation



Attestation of Similarity

The **SmartID** product family consists of different models that incorporate an identical main PWA (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 PWA's may be added to the main PWA integral to the plastic enclosure to add functionality to the device (E.g. a passive Keypad, 125kHz prox, 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 or notes.

The following 2 readers share the same basic product configuration geometry – the only difference between the 2 is one has a passive keypad overlaid across the main PWA on the outside of the enclosure.

Reader Type	Mullion – 13.56MHz Reader			
	Enclosure	Main PWA	PWA #2	PWA# 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 PWA	PWA #2	PWA# 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 PWA	PWA #2	PWA# 3
Representative Test Sample Configuration	Plastic	SmartReaderII V01.03	N/A	N/A
Part Number	8032D			
Difference Description From 1st Model	<p>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.</p> <p>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.</p>			



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The following 2 readers share the same basic product configuration geometry – the only difference between the 2 is one has a passive keypad overlaid across the main PWA on the outside of the enclosure.

Reader Type	Mullion – SmartTRANS – 13.56MHz&125kHz Reader			
	Enclosure	Main PWA	PWA #2	PWA# 3
Representative Test Sample Configuration	Plastic/Potted	SmartReaderII V01.03	SmartExtension125 V02.00	N/A
Part Number	8100D			
Difference Description From 1st Model	<p>The only difference of this Model from the 8030D above is that it has an add on PWA “SmartExtension125” that adds the ability to read 125kHz proximity cards that sits above the SmartReaderII board within the potting and plastic enclosure. Everything else is identical.</p> <p>(This model meets the <490kHz Exemption requirements for the 125kHz radio Section)</p>			

Reader Type	Mullion with Keypad – SmartTRANS – 13.56MHz&125kHz Reader			
	Enclosure	Main PWA	PWA #2	PWA# 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	<p>The only difference of this Model from the 8031D above is that it has an add on PWA “SmartExtension125” that adds the ability to read 125kHz proximity cards that sits above the SmartReaderII board within the potting and plastic enclosure. Everything else is identical.</p> <p>(This model meets the <490kHz Exemption requirements for the 125kHz radio Section)</p>			

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

Todd Seeley

Company Representative Signature:
 Todd Seeley – Manager/Compliance Engineer

2-10-2008

Statement Date:



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From Right to Left (Products in Plastic Enclosures)

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

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