



Medical Imaging

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Concerning: Regulatory and hardware instructions for integration of DSRFID reader into host applications (concerns FCC ID: HPL-DSRFID)

This document describes the integration of a modular short-range RFID reader into host applications. The company internal reference of the RFID reader (or reader for short) is A800126.

Note that the reader is a drop-in replacement for older FCC certified RFID readers that were type tested in several applications. **The reader will never be sold to external parties.** We updated the original design with requirements for full modular approval. A 2nd change is the replacement of the original (but obsolete) microcontroller.

The reader is a drop-in replacement for similar RFID readers (modular approval P5ROEM410V12 and type approved HPL5364A, HPL5366, HPL5366A, HPL5367, HPL5367A, out-of-production HPL5365 and HPL5365A). The reader will be used in production and as a spare part.

FCC Regulatory requirements

When integrating the reader (A800126) into an application the user should respect the following **regulatory requirements**:

The reader has a permanent affixed label (with the text “FCC ID: HPL-DSRFID”) and, because the module is not visible from the outside, an **external label is required** that has the text “Contains Transmitter Module FCC ID: HPL-DSRFID” or “Contains FCC ID: HPL-DSRFID”.

This text must be integrated into the identification plate of the host application or on a separate label.

Additional restrictions are that the reader cannot be sold to external parties, that is, it is restricted to company-internal products. The integration instructions are confidential internal manufacturing documents.

Note that the reader as standalone unit cannot function (per definition).



Additional regulatory information (for the application device manual):

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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