General Description

Applicant:

DataLogic SPA
Via Candini, 2
40012
Lippo di Calderara di Reno
BOLOGNA
ITALY

Manufacturer:

As above

Device:

OM6010-R Series

FCC ID: OMJ0001

Brief Description

The OM6010-R Series forms part of a cordless bar code reading system. The OM6010-R is a base station/cradle which exchanges information with a remote hand held bar code gun (DLL6000-R).

A separate application for certification has been submitted for the DLL6000-R under the FCC ID: OMJ0000

The information is transmitted via a low power radio transceiver operating at 910MHz.

The radio transceiver operates at 910MHz with an FM deviation of 40.6kHz and output power of 4.8dBm. The transceiver sends and receives data packets at 36.75KBaud. Maximum receiver bandwidth is 330kHz.

The OM6010-R has a multi-interface connector which allows the unit to interface to other devices such as a PC. This single connector supports three different type of interface - serial, wedge (connects between the PC keyboard port and keyboard) and wand (tradition bar code reader output). Although all the circuitry was present, this system only supported the serial and wedge options. The wand option will be tested at a latter date.

The device also provides two connectors for interfacing with 'Field Bus' systems. Again, the circuitry was present but not supported. Therefore these ports were left unpopulated and will be tested at a latter date.

The device was tested while connected to a PC. Other peripherals, as listed in the test report, were connected to the PC to form the minimum specified system.

The OM6010-R is powered from an external ac adapter. The OM6010-R also acts as a battery charger for the DLL6000-R.

The antenna is external and can be removed and replaced if damaged. The antenna can be seen in the external photographs file of this submission. The antenna connection is a screw thread - not a typical connector such as a bnc or N-type.

The system is not grounded via the power supply. Grounding is possible via peripheral equipment.

A more deatailed decription of the tranceiver will be submitted as soon as possible.