

General Information and Description

Applicant:

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

Manufacturer:

As above

Device:

DLL6000-R Series

FCC ID: OMJ0000

Brief Description

The DLL6000-R Series forms part of a cordless bar code reading system. The DLL6000-R is a hand held gun which reads a bar code using a laser beam and transmits the information to a DataLogic OM6010-R cradle. The information is transmitted via a low power radio transceiver operating at 910MHz.

A separate application for certification has been submitted for the OM6010-R cradle under the FCC ID: OMJ0001.

The DLL6000-R is powered from internal batteries and is normally used at some distance from the cradle. The gun may be placed in the cradle in order to recharge batteries. The battery charging connector is the only interface provided on the DLL6000-R.

There are two versions of the DLL6000-R. The DLL6110-R-NM has a built-in LCD display and keypad. The DLL6010-R-NM is identical except that it does not contain the display, keypad and associated circuitry. Both versions are covered by the Test Report. The radio circuits on both units are identical.

The antenna is located on a pcb and is internal to the system. It cannot be replaced by the user.

The system is normally not grounded although a connection to ground is possible when located in the cradle for battery charging - the radio transmitter will not be active in this mode.

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.

A more detailed description of the transceiver will be submitted as soon as possible.