QUICK START GUIDE

CRD-3301

GETTING STARTED

USB Interface.
For USB drivers, visit www.opticon.com/service-and-support.aspx

RS232C Interface.
Use the dedicated Opticon RJ50 to DB9 cable
for the connection to a computer.

6V Power input
Use the dedicated Opticon 6V/2A AC Adapter

OPTICON

STEP 1 - Connect the power

Make sure that the cradle is powered with a 6V DC adapter and that the red power LED lights up. The blue Bluetooth LED will start to flash indicating that there is no active Bluetooth connection.

STEP 2 - Configure the scanner.

Before one or more configuration barcodes can be scanned, the 'Start config' barcode has to be scanned. When done with the configuration, the 'End config' barcode has to be scanned.


Start


End

Set the OPI-3301 to default Bluetooth SPP. (This is the communication standard between scanner and cradle; it does not define the communication standard between cradle and PC)


Default Bluetooth SPP

STEP 3 - Select and configure the interface Cradle - PC.

First select the physical interface (RS232 or USB). When RS232 is used, leave the USB port unconnected, and then no configurations are required. For USB, you can make a choice between USB-HID and USB-VCP. For USB-VCP there are two options: with handshaking/retries, and without handshaking. The no handshake option is faster but less secure.


USB-HID


USB-VCP (No Handshake)


USB-VCP (Handshake and retries)

STEP 4 - Make a Bluetooth connection between the scanner and the cradle.

Scan the Bluetooth address label on the bottom of the CRD-3301 cradle. The scanner will then pair with the cradle and connect with it. Once the connection is established, the blue LED on the cradle will light up continuously. Once the scanner is paired to the cradle the following barcodes can be used to disconnect resp. connect the scanner to the cradle.

(Note that these are not configuration barcodes so it is not needed to scan the Start/End barcode)


Manual Disconnect


Manual Connect

For more information about the CRD-3301, downloads and more, visit us at:
www.opticonusa.com/start or
www.opticon.com/service-and-support.aspx

Regulatory Compliance

Product Safety

EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

IEC 60950-1:2005 (2nd Edition)+Am 1:2009+Am 2:2013

EMC

EN55022: 2010
EN55024: 2010

Federal Communications Commission (FCC) Statement
15.21
You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

1. This device may not cause interference and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.