

BRIEF SETUP



OPR 3101 CONFIGURATION INSTRUCTIONS

The reader is configured to default factory settings and is supplied with information that gives you a quick understanding of the product. More product details, additional support, or configuration options to your own preferences (by Universal menu book) will be updated at www.opticon.com

To enable the reader to communicate to another device, different steps can be taken, depending on the situation.

Overview of situations

- The address of the device must be configured in the reader. Possibly the address of the device needs to be retrieved first.
- To connect an Opticon reader to an USB-HID cradle, the reader must be configured.
- To connect an Opticon reader to a third party dongle, the reader must be configured.
- In case a third party dongle is used, the address and pin code need to be configured manually. Consult your dongle's manual how to obtain the address and configure the pin code. You need this information to configure the bar code reader. The dongle's driver installs a serial port on the computer, which is used by the bar code reader to transmit the data.
- The reader can connect by scanning the other device's address label.
- To stop the connection manually use the special disconnection label.

The necessary steps and instructions are explained on the next pages:

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THE GENERAL USE AND FUNCTIONING OF THE BAR CODE SCANNER IS DESCRIBED IN THIS DOCUMENT. ALSO GENERAL SETUP INSTRUCTIONS TO GET STARTED ARE DESCRIBED IN THIS DOCUMENT. FOR FURTHER INSTRUCTIONS CONSULT OPTICON OR YOUR LOCAL DEALER.

OPTICON

Overview of steps

Depending on the type of device to be connected, take the steps as further described. To configure the required options:

- scan the SET label
- scan the required option(s)
- scan the END label

After scanning the END label, the new settings are stored in non volatile memory.

Reader to Cradle

- when using USB-HID interface: connect to USB-HID cradle (step 2 B)
- for all interfaces: connect by scanning (step 3)

Reader to PC / Other device

- retrieve device address (step 1)
- connect to PC (step 2 A)
- security options (step 2 Optional)
- connect by scanning (step 3)

To disconnect the current reader:


- scan the disconnect label (step disconnect)

To return to default settings:

- scan the reset label (step reset)

– CREATE LABEL

Opticon provides a simple on-line application on <http://opticonfigure.opticon.com/bluetooth.asp>

- Type in the digits of the hexadecimal code in numbers and capital characters without dashes, dots and spaces (example: 0011F6033969).
- Submit the code into a barcode (example: ). You have to print the screen to have it available for scanning.

**[STEP 2 A]
CONNECT TO PC**

| | | |
|---------------|---|------|
| SET |  | ZZ |
| | | |
| Connect to PC |  | CNPC |
| | | |
| END |  | ZZ |

**[STEP 2 B]
CONNECT TO USB-HID
CRADLE**

| | | |
|-----------------------------|---|------|
| SET |  | ZZ |
| | | |
| Connect to Cradle (USB-HID) |  | CNC2 |
| | | |
| END |  | ZZ |

**[STEP 1]
– RETRIEVE ADDRESS**

The address is mostly displayed on the product label as a hexadecimal code (example: 00-11-F6-03-39-69). Otherwise consult the documentation of the device how to retrieve the device address code. To enable the reader to communicate to the other device, the reader must be configured with this code. The easiest way to do this is to create a barcode label of the hexadecimal code as described below.

[STEP 2 OPTIONAL]
SECURITY OPTIONS

The third party dongle usually allows authentication, which means a PIN-code can be used to establish a secure connection. Note that the PIN-code is case sensitive, e.g. there is a difference between lower case und upper case (example: difference between ‘a’ and ‘A’).

Set PIN-code table

| | | |
|---------------------|------------------|------|
| SET | | ZZ |
| | | |
| Set PIN-code label | | PINS |
| Scan PIN-code input | see input tables | |
| End PIN-code label | | PINE |
| | | |
| END | | ZZ |

| | | |
|---|--|----|
| 0 | | Q0 |
| 1 | | Q1 |
| 2 | | Q2 |
| 3 | | Q3 |
| 4 | | Q4 |
| 5 | | Q5 |
| 6 | | Q6 |
| 7 | | Q7 |
| 8 | | Q8 |
| 9 | | Q9 |

| | | |
|---|--|----|
| A | | 0A |
| B | | 0B |
| C | | 0C |
| D | | 0D |
| E | | 0E |
| F | | 0F |

| | | |
|---|--|-----|
| a | | \$A |
| b | | \$B |
| c | | \$C |
| d | | \$D |
| e | | \$E |
| f | | \$F |

[STEP 3]

CONNECT BY SCANNING

– CRADLE

- Scan the device address barcode on the bottom of the cradle.

– OTHER DEVICE




- Scan the address barcode that you just created in the on-line Opticon application (step 1).

[STEP DISCONNECT]

(SET + END label not required):

| | |
|---|--------|
| Manually disconnect  | +DISC+ |
|---|--------|

[STEP RESET]

| | | |
|-------|---|----|
| SET |  | ZZ |
| | | |
| Reset |  | SO |
| | | |
| END |  | ZZ |