



Barcode scanner CS1504 / OPN2001 Installation and handling

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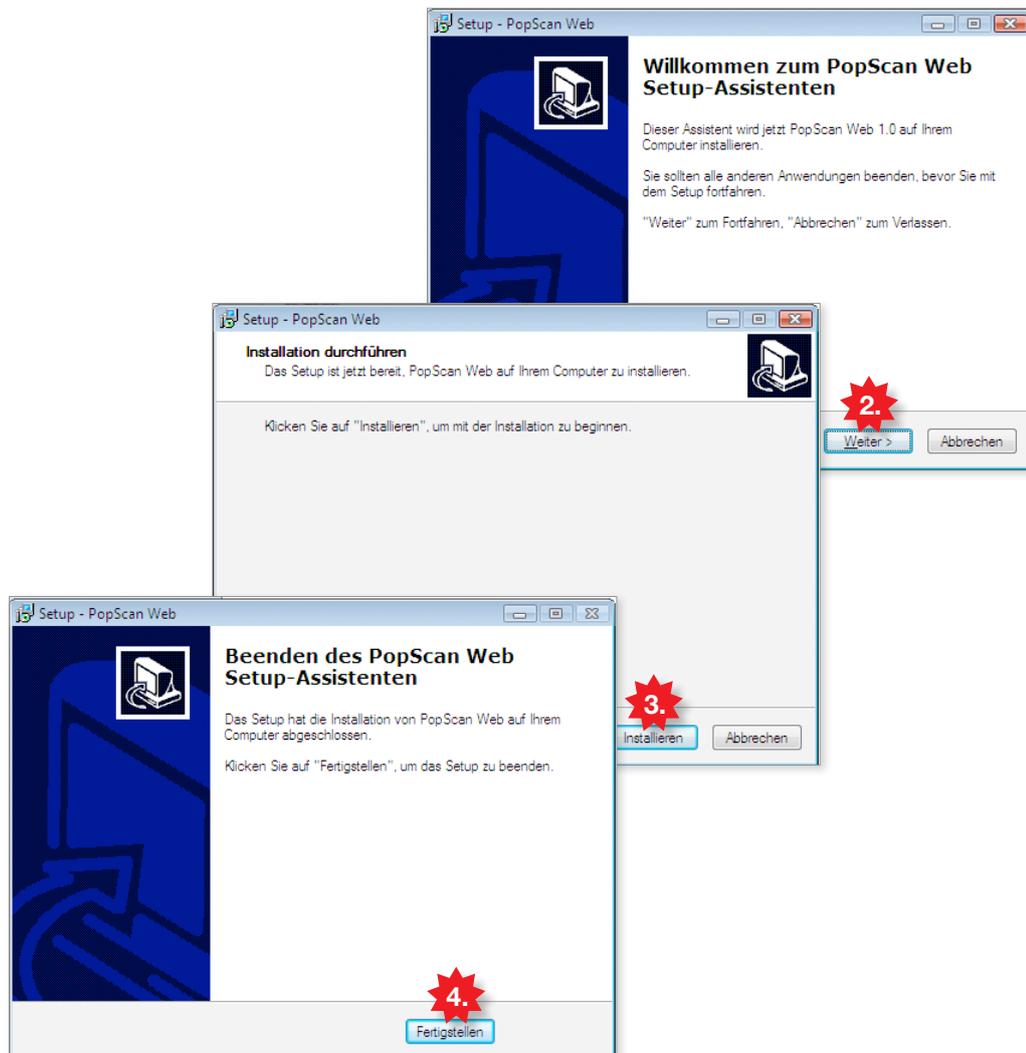


PopScan® is a technology of Sensational AG.

Install driver

To allow communication between the scanner and your PC respectively the PopScan web application, please run the installation program.

This installation program is available on the web application (see "help").



1. Download installation program from the web application. Click "allow", if eventual warnings occur.

(To start the installation you have to be logged in as administrator on your PC)
2. The installation program starts.. Proceed with "continue".
3. Click "Install" to start with the installation.
4. Click "complete" to finish the installation.

Connect scanner

Connect your scanner to the PC. You can choose between USB connection and serial connection.

CS1504 serial connection



1. Connect serial cable with PC.

CS1504 USB connection



1. Connect USB Adapter with PC
Advice: Keep the USB Adapter plugged in to avoid problems reading the scanner.
2. Connect serial cable with USB Adapter.

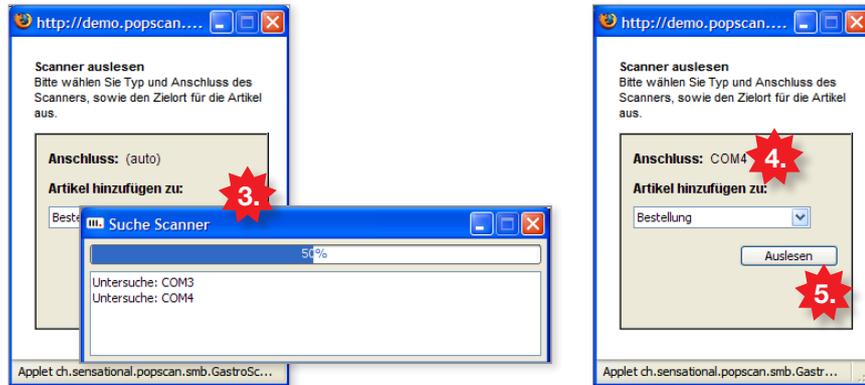
OPN2001 USB connection



1. connect USB cable with PC.

Read scanner

Your scanner is ready. Test now, if the scanner is working properly and if you can log in to the web application.



1. Ensure that the scanner is connected to the PC
2. Load the starting page of your web application in the browser (Internet Explorer, Firefox, ...) and click on the scanner-icon to read the scanner.
3. The reading window loads. For the first time, this process can take several minutes.
4. After a successful search, the scanner connection appears automatically, e.g. COM4
5. Click "read" , to log into the web application via scanner.

Please note: problems due to firewalls and other restrictions

If you are using a firewall, please consider the following settings::

Make sure you have java applets and pop-ups allowed

The java applet sends data via HTTP-POST to the website (in most cases the browser communication already allows this).

If you are working with a professionally hosted network, please contact your administrator to make these modifications..

Scanner CS1504

Handling



The compact scanner offers the practical possibility to scan articles via barcode and saves more than 300 items.

- a) plus button
- b) minus button
- c) LED display
- d) USB connection

Hint

Point the scanner at the code and ensure the red beam covers the whole barcode and is in square with the bars.



Warning! Laser Class 1

Don't aim a laser pointer towards a person's head. This is to prevent the beam from getting in their eyes, possibly causing eye damage.

Functions

Your scanner maintains an article list in its storage and remembers each product and amount (amount by default = 1)



Add product

Scan article with plus button.
(another scan increases the amount by one)



Add product with amount

Scan article with plus button,
then scan amount from the quantity chart.
(find quantity chart in the appendix of this documentation)



Reduce amount by one

Scan article with minus button.



Delete single article

Scan article with minus button for six seconds.



Delete all articles

Push minus button for ten seconds without scanning anything.



Sound on / off

Push plus button for ten seconds without scanning anything.
(We recommend leave Sound on)

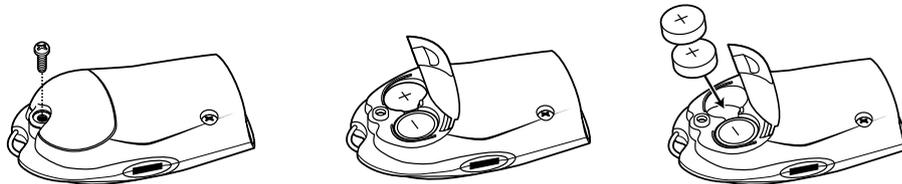
Change batteries

If LED is red during scanning, the batteries are dead soon. Please change batteries.

Recommended manufacturers and types:

- Energizer EPX 76
- Energizer 357
- Maxwell SR 44W
- Rayovac 357

1. Undo screw on bottom.
2. Open battery compartment.
3. Remove old batteries.
4. Insert 4 new batteries. Please pay attention to polarity (+/-).
5. Close battery compartment and tighten screw.



Disposal of device

The scanner has to be returned to Motorola.
Please find information and return adress under:

www.symbol.com/environmental_compliance

problem	possible cause	suggested solution
scanner doesn't work	batteries is inserted the wrong way	insert batteries again. pay attention if plus and minus is correct (instruction placed in lid)
	batteries are dead	replace batteries
	scanner is broken	send in scanner to your supplier
scanner can't scan or delete barcode	barcode is defective	test scanner on other barcode
	distance or angle doesn't fit	place beam vertically on barcode and modify the distance
	scanner is connected to PC	if the scanner is connected to PC, no codes can be scanned. Unplug scanner to gather data.
	memory is full	if more than 150 articles are scanned, data has to be transferred to the PC or deleted
PC doesn't recognize scanner	cable unplugged	check if cable and adaptor is connected properly to PC
	PopScan-driver not properly installed	install the driver again
LED flashes red	batteries are dead	replace batteries
LED flashes red, green and orange	scanner is broken	send in scanner to your supplier

technical data

speification	information
supported barcode formats	UPC/EAN, Code 3 von 9, Code 128, D 2 von 5, Coupon-Code
memory capacity	150 barcodes (30 characters per code)
compatible battery types	Energizer EPX 76* Energizer 357* Maxell SR 44 W Rayovac 357 * recommended by Symbol
battery capacity	approx. 5000 scans with fresh batteries
working temperature	5°C to 40°C
max. humidity	95%
weight	80 g (with batteries)
storage temperature	-20°C to 60°C



This device enables storage and removal of barcode scans. The collected barcodes can be transmitted by a USB cable. The integrated battery recharges automatically when you connect the scanner to a computer. It has memory space for 5'000 barcodes. Using the OPN2001 is very easy: users only need to press a trigger key to operate and a reset key to control mistakes.

- a) plus button
- b) minus button
- c) LED display
- d) USB connection

Hint

Point the scanner at the code and ensure the red beam covers the whole barcode and is in square with the bars.

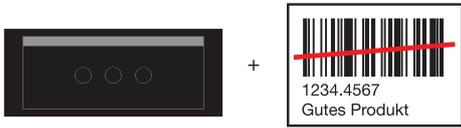


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Functions

Your scanner maintains an article list in its storage and remembers each product and amount (amount by default = 1)



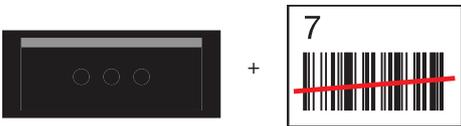
Add product

Scan article with plus button.
(another scan increases the amount by one)



Add product with amount

Scan article with plus button,
then scan amount from the quantity chart.
(find quantity chart in the appendix of this documentation)



Reduce amount by one

Scan article with minus button.



Delete single article

Scan article with minus button for six seconds.



Delete all articles

Push minus button for ten seconds without scanning anything.



Sound on / off

Push plus button for ten seconds without scanning anything.
(We recommend leave Sound on)

problem	possible cause	suggested solution
Der Scanner funktioniert nicht	batteries are dead	charge battery by connecting to PC
	scanner is broken	send in scanner to your supplier
scanner can't scan or delete barcode	barcode is defective	test scanner on other barcode
	distance or angle doesn't fit	place beam vertically on barcode and modify the distance
	scanner is connected to PC	if the scanner is connected to PC, no codes can be scanned. Unplug scanner to gather data.
	memory is full	if more than 150 articles are scanned, data has to be transferred to the PC or deleted
PC doesn't recognize scanner	cable unplugged	check if cable and adaptor is connected properly to PC
	PopScan-driver not properly installed	install the driver again

meaning of LCD-display

LCD display	meaning
green - flashing during process of scanning	scan button is pressed and laser beam is on
	if the beam hits a barcode, it will be read and saved in the scanner
green - steadily during process of scanning	barcode is correctly read and saved in the scanner
red – steadily during process of scanning	barcode is correctly read, but storage is full. NO data storage possible, please transfer data!
red – steadily during process of deleting	barcode is correctly read, but not available in storage and therefore cannot be deleted.
orange – flashing during process of deleting	The minus button is pushed. If the beam aims a barcode, the barcode will be read and deleted!
orange - steadily during process of deleting	The minus button was pushed for more than 6 seconds. All saved data will be deleted.
red – steadily during process of charging	battery is charging
green – steadily during process of charging	battery is fully charged
red / green – flashing	battery may be faulty or exhausted. Please return the OPN2001 to your supplier.

quantity chart

10	11	2	3	4	5	6	7	8	9
20	21	12	13	14	15	16	17	18	19
30	31	22	23	24	25	26	27	28	29
40	41	32	33	34	35	36	37	38	39
50	51	42	43	44	45	46	47	48	49
		52	53	54	55	56	57	58	59

Instruction

1. scan article
2. scan quantity