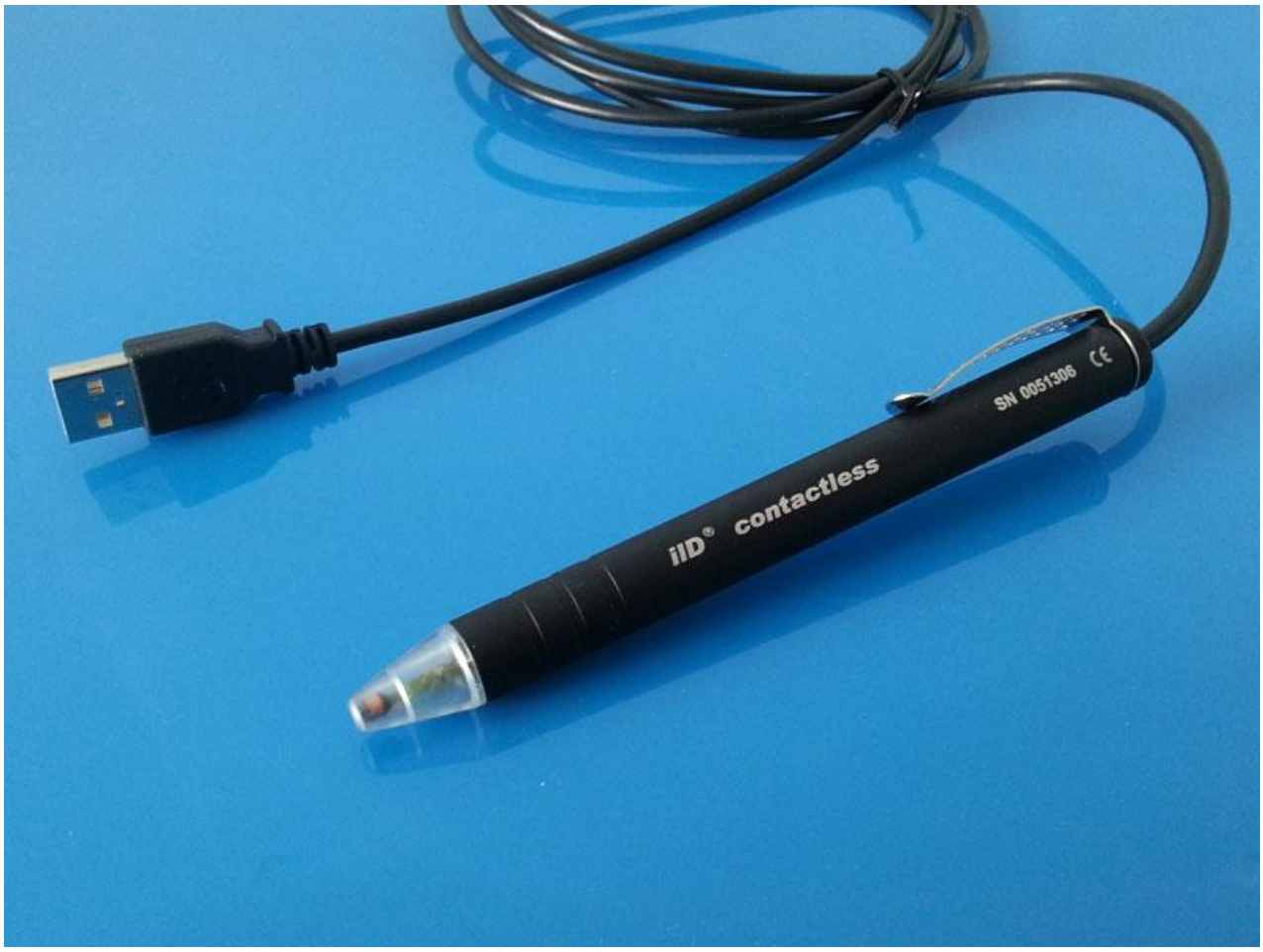
iID® PENmini 7.0

QuickStartGuide



RFID Read/Write Device for stationary and mobile Data Capture

With the pen styled reader can read and write most of all established transponders and cards in 13.56 MHz technology. The device can be used as a stationary reader with your desktop pc or laptop or as mobile reader with assiociated with a tablet. The PEN reader is highly recommended to work with very small tags, because of his focused antenna.

Product Short Description & available Versions:

PENmini USB 7.0 **Product Code: 74.79.720.00**

RFID pen read/write unit incl. iID Driver Engine, black design

System: iID3000, ISO 15693, 14443, all customized

Interface: USB

PENmini 232 7.0 **Product Code: 74.76.720.00**

RFID pen read/write unit incl. iID Driver Engine, black design

System: iID3000, ISO 15693, 14443, all customized

Interface: RS232TTL male, 5V

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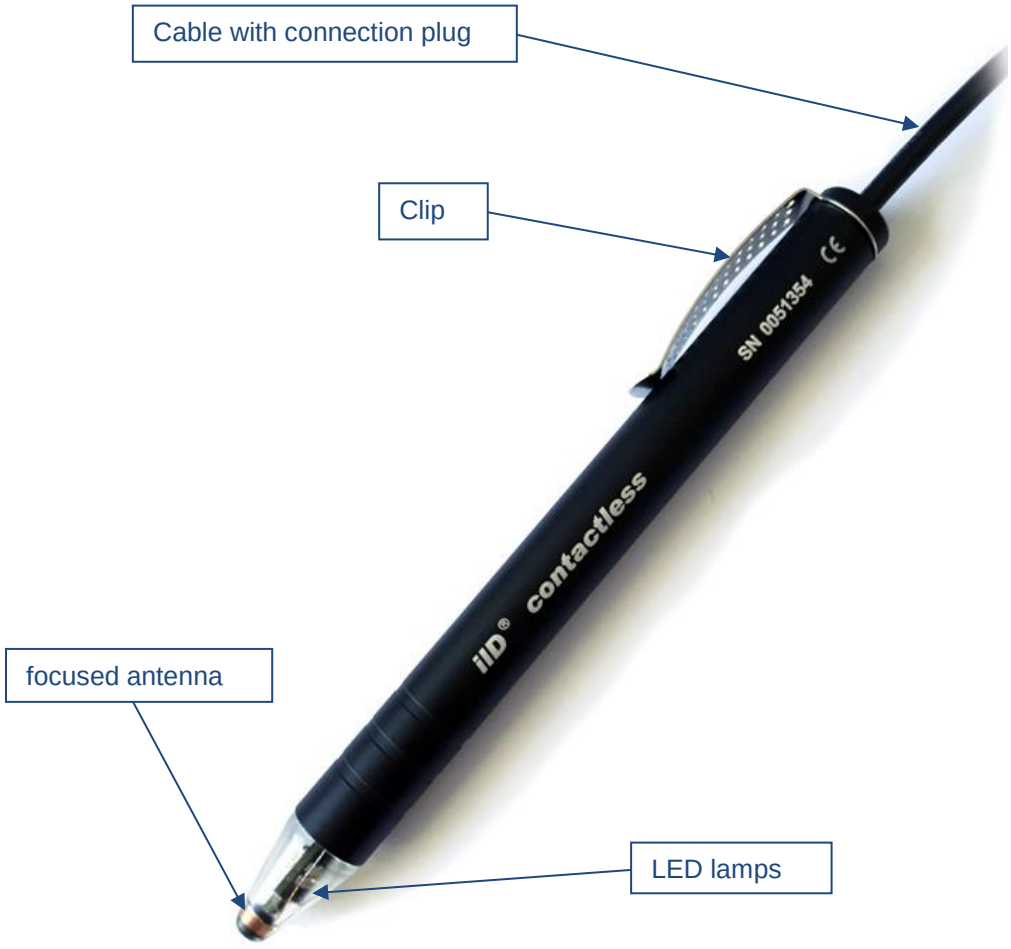
Performance description

Depending on operation mode, iID® PENmini 7.0 works together with Windows operations systems. To use PEN reader with Android and iOS devices, you need to take our iID® HIDconverter. Then the PEN works as a tastatur emulation and need no drivers an special software (requires SPC mode). Based on iID® SPC functionality, scripts can be used for definition of LED function as well as communication functionalities.

First setting into operation



For first using connect PEN to your pc and install required software, see “Software to be installed”.

Manner of functioning

iID® PENmini 7.0 may be used as USB RFID read/write interface or RFID scanner with emulated keyboard (requires iID® HIDconverter). See following table for available configurations, for further information see iID® SPC/MPC related documents.

Functionality	Operation mode configuration	Remark
Read/write interface	DOC	Bi-directional communication, based on iID® driver engine
HID input device (keyboard)*	SPC	One-directional communication, script with output functionality on device

*requires iID® HIDconverter

iID® PENmini is delivered in DOC mode, please adjust operation mode using iID® interface configuration tool regarding your requirements before first usage. Microsensys provides sample scripts for device usage in SPC mode, which are available for download in iID® interface configuration tool.

Software to be installed

Please use accompanying software CD or download iID® software package. After starting iID® software package choose to install iID® DEMOsoft 2013, iID® interface config tool and iID® CONNECTIONtool as well as iID® driver engine from:
http://microsensys.de/downloads/CDContent/Install/Setup%20iID%c2%ae%20software%20package.exe

Device configuration is possible using iID® interface configuration tool running on Windows PC environment. For using USB interface you may need to install the USB driver, which is available at
http://microsensys.de/downloads/CDContent/USBDriver/Microsensys%20USB%20devices%20driver%20CDM%20v2.12.16%20WHQL%20Certified.zip

Depending on operation mode (see “manner of functioning”) and platform installation of further software may be required:

Operation mode	Platform	Software
DOC	Windows 32/64 (without RT)	iID® software package including iID® driver engine, optional iID® tray application (http://www.microsensys.de/downloads/CDContent/Install/iID%c2%ae%20tray%20application.zip)
	Windows Mobile, Windows embedded handheld	iID® driver engine, iID® DEMOsoft (http://www.microsensys.de/downloads/CDContent/Install/RFIDDriver/Windows/iID3000PRO/ , http://www.microsensys.de/downloads/CDContent/Install/iID%c2%ae%20DEMOsoft/Windows/Mobile/RFID-Demo%20iID%20driver%20engine.CAB) , optional iID® trigger scan (http://www.microsensys.de/downloads/CDContent/Install/iID%c2%ae%20tray%20application/iID%c2%ae%20TriggerScan%20Mobile/iID%20TriggerScan.CAB)
SPC (USB HID)	All platforms (Windows, Android, iOS)	No further software required

Further microsensys product related software is located here:
http://www.microsensys.de/downloads/CDContent/.

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Signs & their meaning

iID® PENmini 7.0 LEDs is used to show operation state.

Symbol	Description
operation state LED (GREEN)	In DOC mode automatic RF state visualization, in SPC mode free programmable
operation state LED (RED)	In DOC mode automatic RF state visualization, in SPC mode free programmable

Equipment delivered:

1 x iID® PENmini 7.0

Including following Accessories:

1 x CD-ROM (Software & Documents)

Standard accessories:

iID® HIDconverter

Product Code: 10.00.020.01 (German keyboard)
10.00.021.01 (English keyboard)

Complementary microsensys Documents

Technical Datasheets:	PEN mini7.0 001.pdf
Product Guide RFID Reader:	(coming soon)
Product or System Documentation:	DOC-iID SPC 01D.pdf

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