



MultiOne

by **Signify**

Windows

Configuration tooling

Interface tooling SimpleSet



Information Note: USB2SimpleSet Interfaces of FEIG

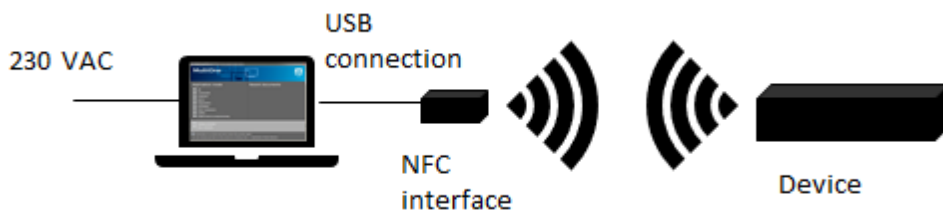
Introduction

MultiOne Engineering, Workflow and Basic are built as universal software for the Philips and Advance total programmable driver and devices portfolio, it is used to configure drivers/systems in the development, quality and production environment.

To communicate with the drivers and sensors you can make use of different technologies. Using Near Field Communication (NFC) also called SimpleSet makes configuration quick, easy and safe (due to wireless and powerless communication).

FEIG is expert in NFC communication and some tools (see MD SIG standard) are selected and released to use to configure our portfolio.

Set up of the configuration station










Components:

1. PC, laptop or Tablet
 - windows operating 8.0, 8.1, 10
 - USB 2.0 or 3.0 with enough power for the interface
 - power mode of PC on best performance
2. Released FEIG interface (see overview)
3. Philips LED device with NFC technology
 - driver within the described distance of the interface
 - position of the antenna as described
 - keep device still until OK signal appears
 - MultiOne software (free downloadable)

Released tools of FEIG

We released 3 different tools of FEIG to operate with MultiOne:

Type of tool	Name	12 NC	Components	Distance	Position antenna's	Engineering Workflow CommandLine	Basic
	LCN9610 FEIG MultiOne SimpleSet Interface	929000999406	<ul style="list-style-type: none"> • 1 Tool • 1 USB cable 	1cm		•	
	LCN9620 FEIG MultiOne SimpleSet Interface	929000999506	<ul style="list-style-type: none"> • 1 Tool • 1 USB cable 	1cm		•	•
	LCN9630 FEIG MultiOne SimpleSet Interface	929001546306	Basic box: <ul style="list-style-type: none"> • 1 universal power connector • 1 power adapter cable • 1 reader (LCN 9630) • 1 USB cable • 1 antenna with cable 	1 - 20cm (depending on antenna)	 	•	•

Datasheets of these tools are available on the FEIG website:

LCN9610:

https://www.feig.de/fileadmin/user_upload/Downloads/Datenblaetter/Data sheet Identification_Handheld Readers ID ISC PRH101 102.pdf




LCN9620:

https://www.feig.de/fileadmin/user_upload/Downloads/Datenblaetter/Data sheet Identification_Desktop Reader ID CPR30.pdf

LCN9630:

https://www.feig.de/fileadmin/user_upload/Downloads/Datenblaetter/Data sheet Identification_Desktop Reader ID ISC MR102.pdf

Where to use which interface

Type of tool	Name	Use
	LCN9610 FEIG <u>MultiOne</u> SimpleSet Interface	Configuration of drivers <ul style="list-style-type: none"> • Handheld tool • Button must not be used • Direct contact with device
	LCN9620 FEIG <u>MultiOne</u> SimpleSet Interface	Configuration of drivers <ul style="list-style-type: none"> • Can be build in table • Integrated in test or production tool • Direct contact with device
	LCN9630 FEIG <u>MultiOne</u> SimpleSet Interface	Configuration of drivers and Luminaire <ul style="list-style-type: none"> • More powered interface, larger detection field • Replaceable antenna (different solutions) • Compact antenna for luminaires • Carton, thin plastic, glass in between antenna's (no metal => cage of Faraday)

Interface tool FEIG LCN9630







The basic box (LCN9630) consists of:

1. Power converter
2. NFC reader (LCN9630)
3. USB cable
4. Antenna with housing and cable

The LCN9630 reader can also be used for other antennas than those which are released by Signify. See possible variants (1,2 and 3) in the table below. Antenna nr 4 has an integrated reader.

These products can be purchased via the FEIG distributors:

<https://www.feig.de/en/contact/contact-partner/>

Type of antenna	Name (FEIG)	Remark	Use
	ID ISC.ANT40/30	in combination with LCN9630 reader (FEIG: ID ISC.MR102)	PCB is build in Philips housing Part of the LCN9630 box. The code ID.ISCANT40/30 contains only the PCB
	ID ISC.ANT340/240	in combination with LCN9630 reader (FEIG: ID ISC.MR102)	Elegant flat table model of plastic
	ID ISC.ANT370/270-A	in combination with LCN9630 reader (FEIG: ID ISC.MR102)	Table model with glass housing, for more industrial environment
	ID ISC.SPAD102	Integrated reader; the antenna will be direct connected by USB	Table model with glass housing, for more industrial environment

Datesheets of these antennas are available on the FEIG website:

ID ISC.ANT40/30:

[HF Antenne für Proximity Readermodule - ID ISC.ANT40/30 - Identification - Produkte - FEIG ELECTRONIC](#)

ID ISC.ANT340/240:

[HF Pad Antenne - ID ISC.ANT340/240 - Identification - Produkte - FEIG ELECTRONIC](#)

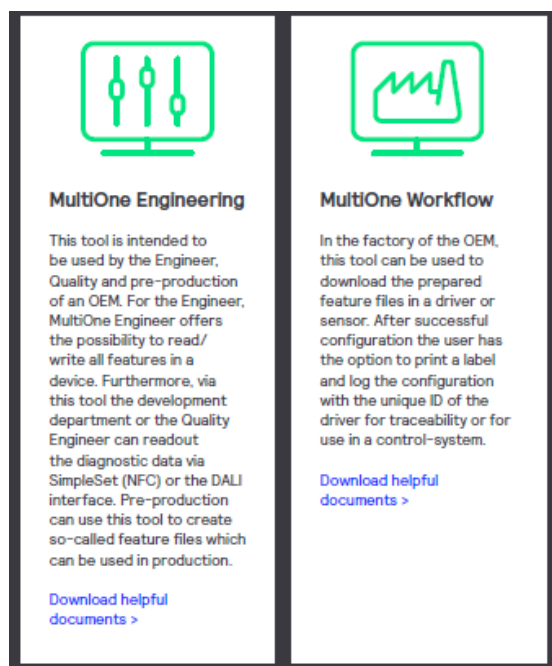
ID ISC.ANTS370/270-A:

https://www.feig.de/fileadmin/user_upload/Downloads/Datenblaetter/Data_sheet_Identification_Desktop_Reader_IS_ISC_SPAD102.pdf

ID ISC.SPAD102:

[Geschirmte ISO15693 Pad-Antenne - ID ISC.SPAD102 - Identification - Produkte - FEIG ELECTRONIC](#)

Installation of the tool

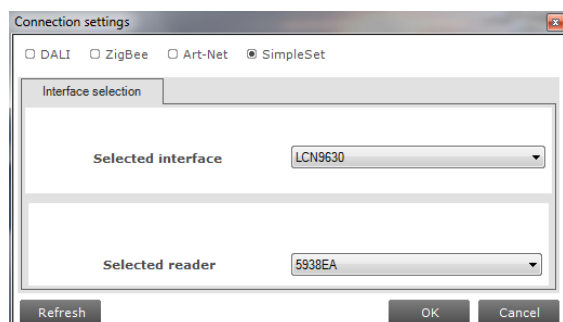


Download the latest version of MultiOneEngineering or MultiOne workflow

www.philips.com/MultiOne

Connect the FEIG tool before installation of the MultiOne software

The required FEIG software is automatic installed on the PC or laptop



Activate the connected tool by selecting the interface type

Select Tools -> connection settings -> SimpleSet -> Refresh -> OK

Select the correct interface.

The SimpleSet icon on the right corner (down) becomes green -> communication is ok

The system is ready to use

