

DESKTOP READER

NEO

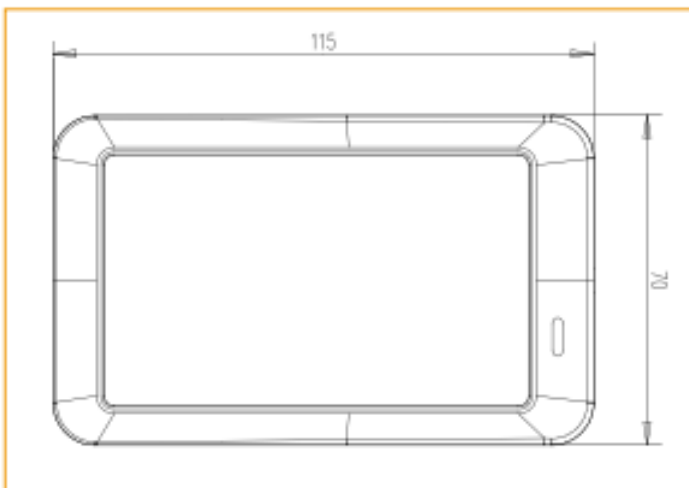


SUPPORTED STANDARDS TAGS	
Desktop Reader NEO - HF: 13.56 MHz	
ISO 14443 A	Read/write: MIFARE® Classic/1K/4K, MIFARE Ultralight®/C, MIFARE®, NTAG 21x, Read UID only of all other ISO14443A RFID tags
ISO 15693	EM4135, EM4043, EM4x33, EM4x35, I-Code SLI / SLIX, M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity)
Desktop Reader NEO - LEGIC: 13.56 MHz	
Legic RF-Standard	Read/write: LEGIC Advant, LEGIC Prime Smart card cards with Card in Card (ICI) technology Legic Advant type AFS 4096-JP with loaded Legic
Desktop Reader NEO - LF: 125 kHz	
Read-only	FDX-B, EM4200 and compatible
Read/write	NXP Hitag-1, NXP Hitag-S
Desktop Reader NEO - UHF: 868 MHz	
UHF	ISO 18000-63 ISO 18000-6C
Desktop Reader NEO - NFC: 13.56 MHz	
NDEF compatible	Read/write: MIFARE® Classic/1K/4K, MIFARE® Ultralight/C/EV1, ICODE SLI, SRF55Vxx (my d-vicinity), Tag-it, NTAG 21x, NFC Forum Tag type 2/4/5

► FEATURES

- USB 2.0 Interface
- Integrated Antenna
- Read & Write Mode
- LED and Buzzer Signal
- USB Plug & Play Mode

PRODUCT DIMENSIONS



TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
Power Supply	USB
Power Consumption	<200 mA
Operating Frequencies	HF NFC LEGIC : 13.56 MHz LF: 125 kHz UHF: 868 MHz
Operating Distances	Up to 10 cm*
UID Output	UHF: HID only HF: VCP & HID (configurable) NFC: VCP & HID (configurable) LEGIC: VCP or HID LF: VCP & HID (configurable)
Antenna	integrated
Status	1x Bi-color LED 1x Buzzer
Interfaces	USB 2.0
Connection	120 cm long cable with USB- Type-A plug

APPLICABLE STANDARDS	
EMC	EN 301489-1:2019-11 (v2.2.3) EN 301489-3:2019-03 (V2.1.1)
Radio Regulation	EN 300330-1:2015-03 (V1.8.1) EN 300330-2:2015-03 (V1.6.1)
Safety	EC 62368-1:2018-10 (V3.0, valid as of 2020-12-20)
RoHS 2	EC Guideline 2011/65/EU and amendment 2015/863/EU, updated by 2017/2102/EU EN 50581:2012 (valid till 2024-07-07) EN 63000:2018

MECHANICAL SPECIFICATIONS	
Dimensions	115 × 70 × 17 mm without USB cable
Weight	90 g incl. USB cable
Housing	ABS (black)

ENVIRONMENTAL CONDITIONS	
Operating Temperature	-20 °C ... +70 °C
Storage Temperature	-20 °C ... +80 °C
Humidity	up to 95%, non condensing

SDK INFORMATION	
Supported OS	Windows XP, Vista, 7, 8, 8.1, 10
Supported Languages	Binary command protocol, VS2005 C++
Demo Software	Windows

ORDER CODES

VERSIONS	ORDER CODES
Desktop Reader NEO - UHF Version	R-DT-NEO-UHF-HID
Desktop Reader NEO - HF Version	R-DT-NEO-HF
Desktop Reader NEO - LEGIC Version	R-DT-NEO-LEGIC
	R-DT-NEO-LEGIC-HID
Desktop Reader NEO - LF Version	R-DT-NEO-LF
Desktop Reader NEO - NFC/NDEF Version	R-DT-NEO-NDEF