

MPX 5 MultiCard Desktop



Desktop Reader MPX 5 MultiCard is a modern and slight plug-and-play RFID read and write device with integrated HID and VCP mode and USB 2.0 interface.

It is the perfect RFID reader for latest IoT applications in companies and really suitable for a wide variety of applications in commerce, telecom, postal, banking or health care.

This new versatile reader supports two modes of operation via USB: a virtual comport (VCP) or a Human Interface Device (HID).

The VCP mode has a complete read and write access. It is designed for IoT applications and may be easily integrated into any operating system.

The HID mode is a keyboard emulation mode. Beside different UID (Serial Numbers) formats, the reader can be set to read out different parts of the user memory as well. The HID mode is perfectly suited for web applications in heterogeneous IT cloud environments.

It is available as HF or LF version.

Desktop Reader MPX 5 MultiCard is certified according to RoHS 2 and REACH.



Features:

- HID + VCP Mode
- USB 2.0 Interface
- Integrated Antenna
- Read & Write Mode
- LED and Beeper on board
- USB Plug & Play Mode

RFID Options	
HF NFC	ISO 14443A/B, ISO15693, ISO18000-3M3
LEGIC	Prime + Advant
LF	EM4200, Hitag-1, Hitag-S

Electrical Specifications	
Power Supply	USB VCP + HID
Power Consumption	<220mA
Operating Frequencies	HF: 13,56 MHz LF: 125 kHz
Operating Distances	3 cm*
RF Antenna	integrated
Status	1x Bi-color LED 1x Buzzer
Interfaces	USB 2.0 VCP/HID

*Reading distance depends on tag and environmental conditions

Mechanical Specifications	
Dimensions	115 x 70 x 17 mm without USB cable
Weight	90 g (incl. USB cable 120 cm)
Housing	ABS (black)

Environmental Conditions	
Operating Temperature	- 20°C bis + 70°C
Storage Temperature	- 20°C bis + 80°C
Humidity	up to 95 %, non-condensing

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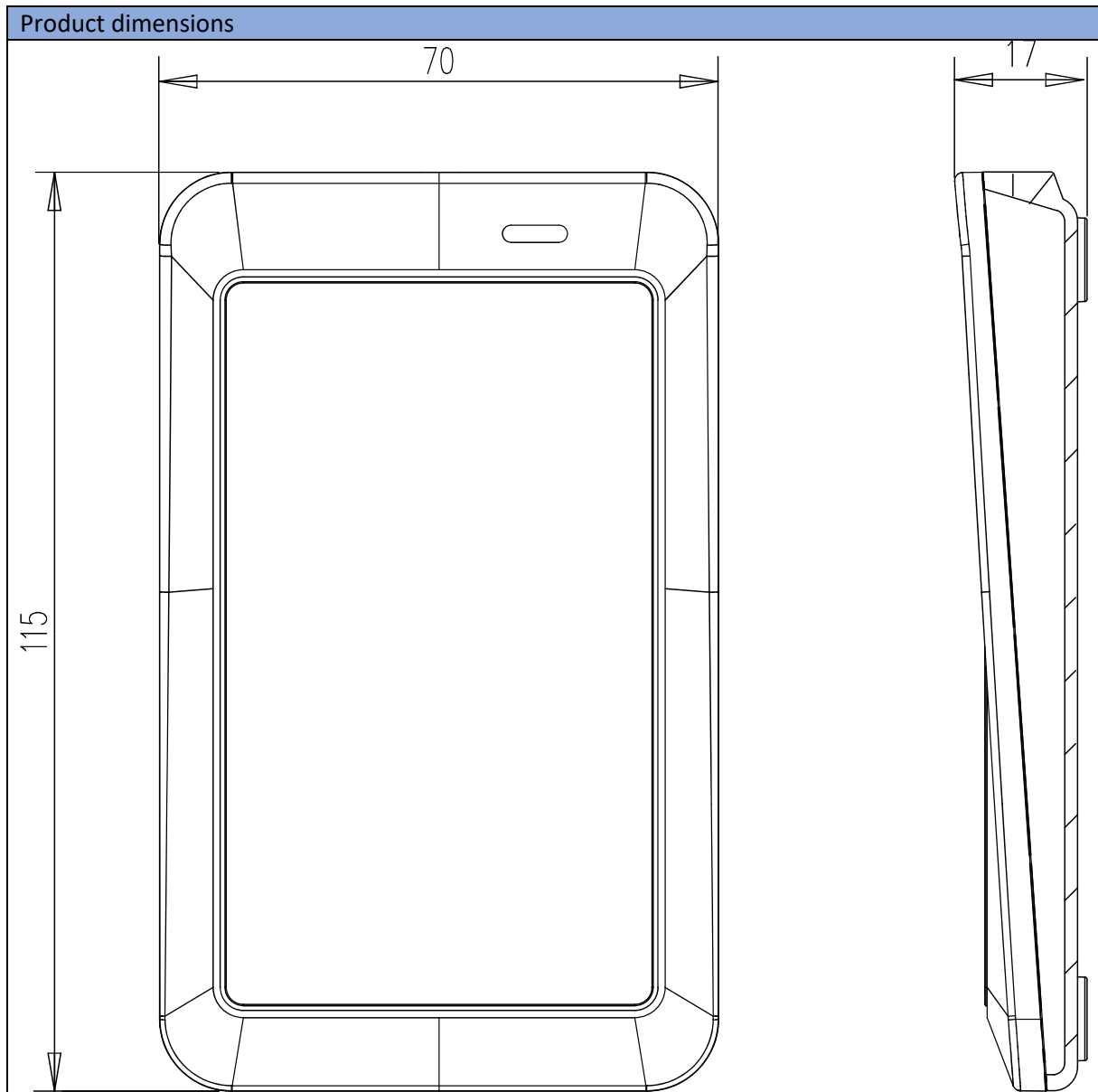
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Supported Standards Tags	
RFID HF: 13,56 MHz	
ISO 14443 A and compatible	Read/write: MIFARE® Classic/1K/4K, MIFARE Ultralight®/C, MIFARE® DESFire®EV1/2, MIFARE® Smart MX, MIFARE® Plus S / X, MIFARE® Pro X, NTAG 21x Read UID only of all other ISO 14443A RFID Tags
ISO 14443 B and compatible	SRI4K, SRIX4K, AT88RF020, 66CL160S, SR176
ISO 15693 and compatible	EM4135, EM4043, EM4x33, EM4x35, ICode SLI / SLIX, M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity)
ISO 18000-3M3	I-Code ILT-M
RFID LF: 125 kHz	
Read-only	EM4200 and compatible
FDX-B	Read information
Read/write	Hitag-1, Hitag-S

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
REACH	EU Guideline 1907/2006, updated by 2020/171/EU
Certificates	FCC, CE

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Versions	
MXP 5 MultiCard (HF/LF)	
MXP 5 MultiCard (HF)	
MXP 5 MultiCard (LF)	

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