



# 9 CD 2.0

Desktop, Basic, VM Pin & VS Pin, Slim Pin & Slim

## Product features and benefits

- Reliable R/W device supporting MIFARE® Classic and MIFARE® DESFire technologies
- Six housing models: Desktop, Basic, VM Pin and VS Pin, Slim Pin and Slim, module available on request
- Desktop housing with card holder is a perfect match for wall installations
- Desktop housing has a USB interface: convenient with DESCoder coding tool

## Technical specification

Operating Frequency	13,56MHz
Voltage	10..30VDC
Current Consumption	max 80 mA
RFID chip support	MIFARE® DESFire EV1 & EV2 & EV3: UID + Application files, MIFARE® Classic: 4 / 7 BUID, UID + Sectors, MIFARE® Ultralight: UID, MIFARE® Plus: UID + Sectors (SLI and SL3) MIFARE® SmartMX: UID + Sectors (If Mifare Classic emulation set on).
Dimensions of housing (hwxwd)	Desktop: 95 x 62 x 24 mm, Basic: 110 x 43 x 24 mm, Module: 72 x 37,8 x18 mm Slim & Slim Pin: 141 x 43 x 19 mm VM Pin: 84 mm x 120 mm. Thickness: 24 mm + 8,5 mm (with cable), 24 mm + 10 mm (with connector). VS Pin; 45 mm x 148 mm. Thickness: 30 mm + 8,5 mm (with cable), 30 mm + 10 mm (with connector)
Material of housing	Plastic
Colour	Black
Customized versions	Yes, can be printed
Protection class	IP67
IK rating	Basic: IK-10, Slim, Slim Pin: IK-09, VM Pin: IK-09, VS Pin: IK-09
Inflammatory class	Basic and Desktop housings: Horizontal specimen UL94 HB, vertical specimen UL94 V-2
Operational temperature range	-40 °C - +55 °C
Storage temperature range	-40 °C - +55 °C
Interface	USB (device), RS-232
EMC	Meets CE requirements
Field strength	According to EN300330
Encryption	AES or triple DES
Cable	Desktop USB: 1,5m, Other: Liyy 3m, delivered only with pigtail reader
LED	Yes
LED control	Commands
Buzzer	Yes
Buzzer control	Commands



Eco 20 stands for less power consumption, improved connectivity with other products and smaller carbon footprint through sustainable manufacturing materials and methods.

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