



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: 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). MIFARE DESFire EV2: UID+application files.
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 is a new generation of Idesco products. Eco 20 stands for less power consumption, improved connectivity with other products and smaller carbon footprint through sustainable manufacturing materials and methods. www.idesco.fi/eco20

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