

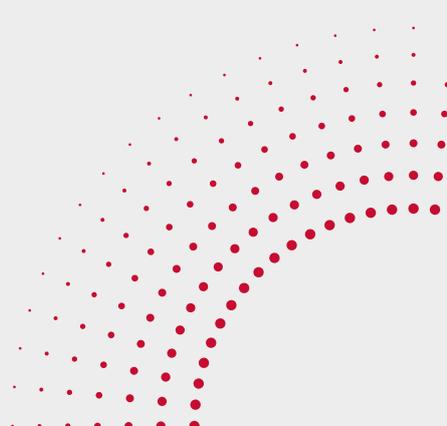
8 CD 2.0 Slim Pin



SLIM PIN
141 x 43 x 19 mm

Product features and benefits

- Secure access control reader with pin code identification
- Highly configurable with mobile phone or configuration card
- Eco-sensitive construction - less epoxy and lower power consumption
- Also available with version supporting mobile credentials



Electrical specifications

Operating frequency	13,56 MHz
Voltage	+10 +30 VDC
Power consumption	Max. 1,7 W in Idesco default configuration
Keypad type	2 x 6 Capacitive

Supported card technologies

RFID chip support	MIFARE® DESFire EV1 & EV2 & EV3; UID + Application files. MIFARE® Classic; UID + Sectors. MIFARE® Ultralight; UID + Pages. MIFARE® Plus X, S, SE, Ev1, Ev2; UID security levels 1 and 3. MIFARE® SmartMX (MIFARE® Classic emulation mode)
Additional Security feature for DESFire	Support for DESFire EV1, EV2 & EV3 random UID, and proximity EV2 & EV3.
UID selection	Reader can be configured to read either 4 or 7 Byte UIDs, or both. For improved security UID reading can be disabled.

Mechanical specifications

Housing material	Plastic
Installation method	With screws
Cable	LIYY
Cable length	3 m
Connectors	Available (cable as default)
Colour	Black
Customized versions	Yes, with sticker or customer specific programming
Protection class	Units with cable; IP67. Units with connector; IP54
IK-rating	IK-09
Flammability class	Horizontal specimen UL94 HB, vertical specimen UL94 V-2

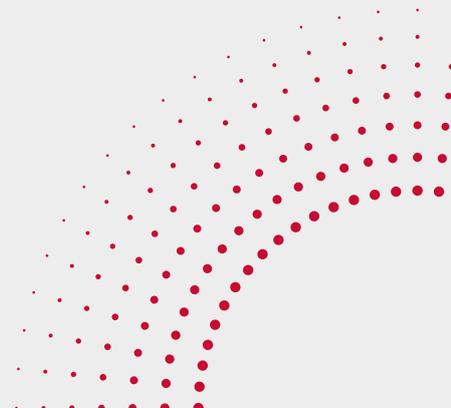
Environmental specifications

Operational temperature range	-40 C° - +55 C°
Storage temperature range	-40 C° - +55 C°

Idesco Oy

Elektroniikkatie 4
90590 Oulu
Finland

Tel. +358 (0)20 743 4175
Email info@idesco.fi
idesco.fi



Interface specifications

Available interfaces	Wiegand, RS-232, RS-485, Clock&data USB, USB HI
OSDPV2	Available as separate product version 8CD 2.0 OSDPV2
RS-485 options	Idesco RS-485: Available as separate product version 8 CD 2.0 Slim Pin 5. Idesco RS-485 with AES: Available as separate product version 8 CD 2.0 Slim Pin AES
Clock & data format	10 BCD format for Mifare Classic sectors and for Mifare Desfire application
Inputs / Outputs	1 General purpose input / 2 outputs

Standards and regulations

EMC	Meets CE requirements
Field strength	According to EN300330
Encryption	AES or triple DES

Other features

LEDs and LED control	Three-colour LED Led modes can be configured. Led can also be controlled by wire or by protocol commands (RS485)
Buzzer and buzzer control	Yes. Buzzer modes can also be configured. Buzzer can also be controlled by wire or by protocol commands (RS485)
Optical tamper	Configurable optical tamper
Alive message	For Wiegand 4, 6 and 8 -bit and a detailed 38-bit option. For C&D a fixed format
Keypad backlight(s)	Adjustable
Re-read delay	Adjustable
Configuration	With Mobile Coder app or one DESFire EV1 / EV2 / EV3 configuration card; Configure only after reset option; via Mobile Coder app or configuration card
Value file support	Reader can be set to credit / debit value from value file cards

Idesco Oy reserves the right to revise this publication and to make changes to its content as well as the right to change or discontinue these products, at any time, without obligation to notify any person or entity of such revisions or changes. All trademarks and registered trademarks are property of their respective owners.
24.3.2025. C00446E v.1.24.

Idesco Oy

Elektroniikkatie 4
90590 Oulu
Finland

Tel. +358 (0)20 743 4175
Email info@idesco.fi
idesco.fi

