IDESCO

8 CD 2.0 D Pin

- DESFire reader with 2,4 inch colour display
- Display is sunlight readable
- Secure and flexible new generation reader technology, highly configurable
- Convenient mechanical keypad with raised keys, freely programmable function keys
- Provides more detailed feedback about reading events (e.g. access granted / access denied)
- Greater user interactivity (via keypad and function keys)

Technical specifications

Operating Frequency	13,56 Mhz
Voltage	+10 .... +30 VDC
RFID chip support	MIFARE® DESFire Ev1: UID + Application files , MIFARE® Classic: UID + Sectors, MIFARE® Ultralight UID + Pages, MIFARE® Plus UID security levels 1 and 3, MIFARE® SmartMX (MIFARE® Classic emulation mode), NFC (UID), Mifare Classic 7 Byte UID + sectors. Mifare DESFire Ev2: UID+application files
Antenna	Internal
Keypad	3 x 4 mechanical keypad with three additional function buttons
Dimensions of housing	155 x 87 x 20 mm (hxwxd)
Material of housing	Plastic
Colour	Black
Protection class	IP67
Installation method	Screws
Operational temperature range	-30 °C - +55 °C
RS-485	OSDPV2, Idesco RS485
Outputs	2
I/O's	2 FET output 1 General purpose input
EMC	Meets CE requirements
Field strength	According to EN300330
Encryption	AES or triple DES between card and reader, secure channel between reader and host (OSDPV2)
Cable	3 m pigtail
LED	3 x three-colour
LED control	By protocol
Buzzer	Yes
Buzzer control	By protocol
Optical tamper	Yes
Keypad backlight control	By protocol
Configuration	By protocol commands or with Idesco DESCoder for OSDPV2 management tool + configuration card (OSDPV2), configuration card (Idesco RS485)
	Only one DESfire EV 1 conf card required
	Configure in offline / online mode