

8 CD 2.0 MI 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)
- Supports OSDP v.2.1.7
- Supports mobile identification



Technical specifications

Operating Frequency	13,56 MHz
Voltage	+10 +30 VDC
RFID chip support	MIFARE® DESFire EV1 & EV2 & EV3: 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
Antenna	Internal
Keypad	3 x 4 mechanical keypad with three additional function buttons
Dimensions of housing	155 x 87 x 20 mm (hwxwd)
Material of housing	Plastic
Colour	Black
Protection class	IP67
Installation method	Screws
Operational temperature range	-30 °C - +55 °C
Storage temperature range	-30 °C - +55 °C
RS-485	OSDPV2.1.7
Screen resolution	320x240
Screen lifetime	50000h
I/O's	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 (OSDPV2.1.7)
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 OSDPV2.1.7 management tool + configuration card (OSDPV2.1.7), configuration card, Bluetooth settings with Idesco Mobile Coder app or configuration card Only one DESfire EV1/EV2/EV3 conf card required. Configure in offline / online mode
BLE	BLE / NFC requirements - Android and iOS OS: Android 5.0 or higher, iOS 10 or higher Bluetooth: BLE 4.1 or higher NFC: By Android: 5.0 or higher. Not supported by Apple.