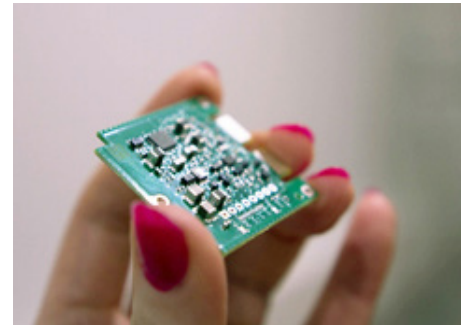


# 8 CD 2.0 Compact



- Compact and capable reader module compatible with DESFire and several other Mifare® technologies
- Low power consumption
- Highly configurable
- Open technology: no more proprietary limit on who you buy cards and controllers from, no device supplier or technology dependencies

Need an RFID reader embedded in your own device? Want the versatile DESFire capabilities of Idesco 8 CD 2.0 readers in your own housing? Idesco's new 8 CD 2.0 Compact is a truly small module, yet possesses the same wide variety of configurable parameters Idesco's other 8 CD 2.0 readers have. You can reconfigure it with a configuration card, without uninstalling and its even wider input voltage range accommodates a broad range of systems. Better yet, this new module is even smaller than its predecessor, letting you embed in even smaller devices.

## Technical specifications

Operating Frequency	13,56 Mhz
Voltage	Main input voltage 8...30 VDC Separate 5 VDC input
Current Consumption	20 mA @ 24 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	Integrated External antenna possibility on request
Dimensions of module (hwxwd)	Board size 40.9 x 39.0 mm
Installation method	With screws
Operational temperature range	-40 °C - +55 °C
Storage temperature range	-40 °C - +55 °C
I/O's	1 General purpose input
Interfaces	RS-232, Wiegand, Clock and Data Logic level communication interface on request
EMC	Meets CE requirements
Field strength	According to EN300330
LED	One green led for reading indications
Alive message	Options for 4- bit, 6- bit, 8- bit and 38- bit message
Re-read delay	Adjustable, up to 63 seconds

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](http://www.idesco.fi/eco20)

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