

# MIFARE® sector reader



## MIFARE® Smart Card Reader

Stylish and fully featured MIFARE® smart card readers from TDSi. These are extremely cost-effective MIFARE® sector readers housed in a robust, fully encapsulated ABS enclosure allowing it to be mounted both indoors and out.

The main industry standard output formats are supported allowing direct connection to all of the current range of TDSi access control units as well as access control panels from other manufacturers.

This reader can also be configured using a configuration card to allow you to choose your sector and keys to store the access control ID, enhancing site security yet further.

# MIFARE® sector reader

DS0060\_Issue 1

## SPECIFICATIONS

TDSi Part No.	5002-0441
Dimensions	42 x 104 x 18 mm
Weight	160 g
Operating Environment	-5 °C to +60 °C, 0 to 95 %RH (non-condensing)
Power Supply	6 to 14 VDC, 120 mA
Operating frequency	13.56 MHz (nominal)
Card technology	ISO14443-A: MIFARE Standard (1k) MF1 ICS50, MIFARE (4k) MF1 ICS70
Sounder	Integral with external control
LEDs	2 -red and green both with independent external control. Bi-colour input capability for connection to TDSi access control units.
Read range	50 mm (nominal) with ISO card
Output formats	Mag stripe, 26-bit Wiegand

## ORDERING INFORMATION

**Part Number: 5002-0441**

**Description:** TDSi Configurable MIFARE® Sector Smart Card Reader

**Part Number: 2920-3010**

**Description:** MIFARE® Custom Sector Reader Configuration Card Pack

**Part Number: 2920-3004**

**Description:** White ISO 1K MIFARE card sector 4 encoded.

**Part Number: 2920-3005**

**Description:** White ISO 4K MIFARE card sector 4 encoded.

## FEATURES & BENEFITS

**Sector reader version (sector 4)**

Makes best use of the security features of the MIFARE® technology. Highly secure.

**Reader can be configured using a factory supplied configuration card to read a nominated sector using a custom key**

Our most secure solution.

**Compatible with ISO 14443-A standard for 13.56 MHz contactless smart card technology**

Use one card for all of your applications including cashless vending, library, POS and car park.

**Stylish, elegant case design**

Fits with any surrounding without looking out of place.

**Fully encapsulated design**

Provides maximum protection against water ingress making it suitable for mounting both indoor and out.

**Integral LEDs**

Provides clear visual indication of access status.

**In-built sounder**

Gives unambiguous feedback of card reads.

**Choice of output options**

Allows connection to the majority of access control systems.



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