

# EXsmart<sup>2</sup> K sector reader



## MIFARE® Readers

EXsmart<sup>2</sup> K is a range of high-performance combined keypad and contactless MIFARE® smart card readers from TDSi.

Featuring a backlit tactile keypad, EXsmart<sup>2</sup> K is designed to be mounted in a standard electrical back-box making for a neat and simple installation.

All products are supplied with a choice of covers allowing the look of the reader to be changed to suit its surroundings.

# EXsmart<sup>2</sup> K sector reader

DS0064\_Issue 1

## SPECIFICATIONS

TDSi Part No.	5002-0434/5002-0438
Dimensions	102 x 102 x 20 mm Connector including terminal block protrudes by 11 mm from rear face
Weight	270 g
Operating Environment	-20°C to +55°C, 0 to 95 %RH (non-condensing)
Power Supply	9 to 16 VDC, 100 mA max
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 (4-bit Wiegand burst on keypad)

## ORDERING INFORMATION

### Part Number: 5002-0434

**Description:** EXsmart<sup>2</sup> K sector 9 reader with keypad. Compatible with TDSi sector 9 cards.

### Part Number: 5002-0438

**Description:** EXsmart<sup>2</sup> K sector 4 reader with keypad. Compatible with TDSi sector 4 cards.

### 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.

### Part Number: 2920-0182

**Description:** White ISO 1K MIFARE card sector 9 encoded.

## FEATURES & BENEFITS

### Mounting into a standard electrical back-box

Neat installation into a standard fitting.

### Tough plastic clip-on covers in both graphite and light grey

Adapt the look of the reader to suit the surroundings.

### Supports the 2 Reader Mode of MICROgarde access control units

Use MICROgarde to control 2 doors both with read-in/read-out. Saves on hardware, installation time and cost.

### Blue backlit keypad

Increase security by adding a PIN to your card-based access control.

### Pluggable terminal block cable termination

Allows the cable to be pre-wired prior to installation of the reader for convenience.

### Fully encapsulated design

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

### Integral LEDs and sounder

Gives the user unambiguous audible and visual indication of card reads and access status. Maximises user confidence.

### Industry standard outputs

Allows connection to all standard access control panels.

### Read range of 50 mm (nominal)

Easy to use.



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