

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



## MIFARE® Readers

EXsmart<sup>2</sup> is a high-performance contactless ISO 14443 MIFARE® smart card reader from TDSi.

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

The reader is supplied with a choice of covers allowing the look of the reader to be changed to suit its surroundings.

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

DS0063\_Issue 1

## SPECIFICATIONS

TDSi Part No.	5002-0436
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 ICSS0, 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	ABA Track 2 Emulation, 26-bit Wiegand

## ORDERING INFORMATION

**Part Number: 5002-0436**

**Description:** EXsmart<sup>2</sup> MIFARE® CSN reader with keypad

**Part Number: 2920-3000**

**Description:** ISO 1K MIFARE® card—plain white

**Part Number: 2920-3001**

**Description:** ISO 4K MIFARE® card—plain white

**Part Number: 2920-3002**

**Description:** ISO 1K MIFARE® card—white with serial number printed

**Part Number: 2920-3003**

**Description:** ISO 4K MIFARE® card—white with serial number printed

## 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.



**TDSi UK**  
Unit 10 Concept Park,  
Innovation Close,  
Poole,  
Dorset BH12 4QT  
United Kingdom  
t: +44 (0)1202 723535  
f: +44 (0)1202 724975  
e: sales@tdsi.co.uk

**TDSi France**  
Immeuble ATRIA,  
2 rue du Centre  
93160 NOISY LE GRAND,  
France  
t: +33 (0)1 58 84 20 90  
f: +33 (0)1 58 84 20 91  
e: infos@tdsi-france.com

**TDSi China**  
Rm 103, 1 Bld,  
Shangsha Innovation Science  
& Technology Park,  
9283 Binhai Road,  
Futian District,  
Shenzhen 518048,  
P.R.China  
t: 86-755-82535725,  
82535720  
f: 86-755-82535770  
e: tdsiinfo@microgarde.com.cn