EXsmart² K CSN reader

MIFARE® Readers

EXsmart² is a high-performance contactless ISO 14443 MIFARE® smart card reader from TDSi.

Featuring a backlit keypad, EXsmart² 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.

EXsmart² K CSN reader

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 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	ABA Track 2 Emulation, 26-bit Wiegand

ORDERING INFORMATION

Part Number: 5002-0436
Description: EXsmart² 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.