

# contactless smart cards



## Contactless Smart Cards

TDSi MIFARE cards are a secure and highly versatile contactless smart technology solution and are compliant to ISO/IEC 14443A.

Available in two memory sizes, they are produced with the latest advanced antenna and assembly technology and are suitable for a wide range of applications including access control, time and attendance, biometric template storage, cashless vending, library systems, membership cards as well as identification purposes.

Cards can be supplied with all sectors open or with sector 4 pre-encoded for use with TDSi sector readers. Manufactured from PVC and to ISO 7810, the cards are very durable and resistant against cracking and discolouration.

TDSi cards offer a consistent read range and can be carried in a wallet or purse or for use with a strap and clip as an ID badge. Cards can be printed by means of thermal printing.

The cards utilise passive technology, with no battery offering unlimited reading. The card can be specified totally plain or pre-printed with an 8-digit card number representing the unique identity of the card chip together with the TDSi logo.

# contactless smart cards

DS0019\_Issue 1

## SPECIFICATIONS

TDSi Part No.	2920-3000/1/2/3/4/5
Dimensions	85.6 x 54.0 x 0.76 mm
Weight	5 g
Material	PVC, laminated
Surface	Gloss
Standards	ISO 7810, ISO14443A
Suitable Personalisation	Thermal-transfer printing
Operating and Storage Temperature	-25 °C to +50 °C
Operating Frequency	13.56 MHz

## ORDERING INFORMATION

**Part Number: 2920-3000**

**Description:** TDSi 1K MIFARE Card, Plain White

**Part Number: 2920-3001**

**Description:** TDSi 4K MIFARE Card, Plain White

**Part Number: 2920-3002**

**Description:** TDSi 1K MIFARE Card, Serial Number Printed

**Part Number: 2920-3003**

**Description:** TDSi 4K MIFARE Card, Serial Number Printed

**Part Number: 2920-3004**

**Description:** TDSi 1K MIFARE Card, Sector 4 Encoded

**Part Number: 2920-3005**

**Description:** TDSi 4K MIFARE Card, Sector 4 Encoded

## FEATURES & BENEFITS

**Industry Standard Card**

Allows multiple use over and above Access Control, for example student information.

**Plain surface for printing**

Provides option for custom printing of own artwork, either on-site or via bureau.

**Increased Security**

More secure than Proximity for peace of mind.

**Serial or Sector**

Migrate from serial to sector for increased security.

**Control your own security**

TDSi's Mifare Programmer to allow you to configure your own cards, including sector and keys..



**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