

TK4100 (FUDAN)
PVC CARD

SIMPLE. RELIABLE. COST-EFFECTIVE.
POWERED BY TK4100 TECHNOLOGY.

RFDigi TK4100 (Fudan) PVC Cards operate at 125 kHz (LF) and are widely used for access control, identification and other proximity card applications.

Built with the reliable TK4100 chip, these cards offer a cost-effective solution with consistent performance and broad compatibility.

Ideal for systems that require simple, secure and dependable proximity identification.





TK4100 (FUDAN) CHIP
Reliable 125 kHz LF technology for proximity applications



PROVEN PERFORMANCE
Consistent read performance with broad system compatibility



DURABLE & LONG LASTING
Made from premium PVC for everyday use and durability



FULL COLOUR CUSTOMISATION
High quality full colour printing to showcase your brand



VERSATILE APPLICATIONS
Ideal for access control, ID, loyalty, transport and more

KEY FEATURES

- ✓ Equipped with TK4100 (Fudan) chip
- ✓ 125 kHz frequency
- ✓ EM4100 compatible
- ✓ 64 bits (40 bits facility code + 24 bits card number)
- ✓ Read-only memory
- ✓ Fast and reliable read performance

- ✓ Low power, passive operation
- ✓ Full colour printing (CMYK)
- ✓ Single-sided or double-sided printing available
- ✓ Custom branding with logos, text and graphics
- ✓ CR80 standard size (85.6 x 54 mm)
- ✓ Ideal for a wide range of identification applications

SPECIFICATIONS

Product Type	TK4100 (Fudan) PVC Card
Chip	TK4100 (Fudan)
Frequency	125 kHz
Protocol	EM4100 Compatible
Memory	64 bits (40 bits Facility Code + 24 bits Card Number)
UID	10 digits (64-bit)
Card Size	85.6 x 54 mm (CR80)
Card Thickness	0.76 mm (30 mil)
Material	PVC
Surface Finish	Glossy
Printing	Full Colour (CMYK)
Printing Sides	Single-sided or Double-sided
Operating Temperature	-20°C to +60°C
Storage Temperature	-20°C to +70°C
Durability	Water-resistant, scratch-resistant and built for daily use
Applications	Access Control, Time Attendance, Identification, Loyalty, Transport, Parking and more

CHIP INFORMATION

PARAMETER	DETAILS
Chip	TK4100 (Fudan)
Technology	125 kHz LF
Protocol	EM4100 Compatible
Memory	64 bits (40 bits Facility Code + 24 bits Card Number)
UID Size	10 digits (64-bit)
Read/Write	Read-only
Data Format	Manchester Encoding
Read Range*	Up to 10 cm (depending on reader and environment)
Data Retention	10 years
Write Endurance	N/A (Read-only)
ESD Protection	2 kV (HBM)
Compliance	RoHS, REACH

CARD DIMENSIONS

APPLICATIONS



ACCESS CONTROL
Secure access to buildings, facilities and restricted areas.



TIME & ATTENDANCE
Track employee attendance efficiently.



MEMBERSHIP CARDS
Identify and manage members with ease.



LOYALTY PROGRAMMES
Reward customers and build long-term loyalty.



TRANSPORT & PARKING
Used for public transport ticketing and parking access systems.



STAFF IDENTIFICATION
Ideal for staff ID and secure facility access.



VISITOR MANAGEMENT
Issue and manage visitor access quickly and securely.



EVENT TICKETING
Perfect for events, concerts and exhibitions.

PRINTING OPTIONS



FULL COLOUR PRINTING



SINGLE OR DOUBLE SIDED



VARIABLE DATA PRINTING



BARCODE PRINTING



QR CODE PRINTING



SIGNATURE PANEL

CUSTOMISATION OPTIONS



Add your logo, design or artwork to create a unique card.



Variable data printing: names, numbers, barcodes, QR codes and more.



Optional features: barcode, QR code, signature panel and sequential numbering.



Sequential numbering and encoding available on request.

WHAT'S IN THE BOX



TK4100 (Fudan) PVC Cards (Quantity as ordered)



Bulk packed securely



HOTLINE
0861 734 772



EMAIL
sales@rfdigi.co.za



WEBSITE
www.rfdigi.co.za



NATIONWIDE SUPPORT
TRUSTED RFID & IOT SOLUTIONS
PROVIDER IN SOUTH AFRICA