datasheet

THIRD MILLENNIUM
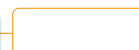advanced access control readers

style or technology ... now you can have both

TM6 SERIES

- UK DESIGN & MANUFACTURE
- ROBUST CONSTRUCTION
- TWO COLOUR, POLYCARBONATE / ABS HOUSING
- BACK PLATE (first fix) INSTALLATION USING SCREWS SUPPLIED
- 1 YEAR LIMITED WARRANTY
- WIDE RANGE OF OUTPUT FORMATS
- CUSTOMER BRANDING
- SIMPLE INSTALLATION

mifare®   LEGIC®

PRODUCT APPLICATION

The **TM6 SERIES** is a modern & stylish biometric reader with an integrated proximity module. It is designed to provide a low cost template-on-a-card verification contained in one maintenance free assembly.

The reader has an innovative and ergonomic design housing the electronics in a tough polycarbonate / ABS moulded cover plate. Secured using a standard M4 screw (supplied) the customer has the option to fix the cover plate using a variety of M4 security-screw alternatives.

The TM6 is designed to get the right person through the door quickly. Each person enrolled has an associated fingerprint template stored on the card,

When an individual presents their proximity card and places their finger on the scanner, the TM6 uses the information stored on the smart card and compares it with the finger presented. If the template and fingerprint match, the TM6 sends the card number to the access control panel.

TECHNICAL SPECIFICATION

Mechanical

size:	125mm x 83mm x 70mm
housing:	moulded polycarbonate / ABS
weight:	225g nominal
mounting:	4 x wood screws (supplied)

Connection (screw terminal)

1 - supply +5V dc to + 16V dc
2 - clock / data 1
3 - data / data 0
4 - green LED
5 - red LED / speaker
6 - card present
7 - supply 0V dc

RS232 connection

Environmental

operating temp:	0°C to +40°C
humidity:	10% - 80% RHNC at 40°C

Electrical

voltage:	+12V dc to + 16V dc
current:	500mA typical
data voltage:	rest >4V dc / active <1V dc
data output:	Wiegand / clock & data / customised output / RS232
indication:	2 LED mode indication
speaker:	audible indicator

FEATURES

- **LOW COST TEMPLATE ON A CARD**
- **ISO 15693 / 14443A COMPATIBLE**
- **HIGH SECURITY / FLEXIBLE**
- **SMART CARD APPLICATIONS**

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PART NUMBERING

TM6 * * / * * *

	STYLE		TECHNOLOGY		OUTPUT		CUSTOMER SPECIFIC
1	TM 1 series			0	pass through		(optional)
2	TM 2 series	0	TM125	1	clock & data		
4	TM 4 series			2	Wiegand		example:
5	TM 5 series	6	LEGIC®	3	Watermark		**TM660/A34**
6	TM 6 series			4	RS232		TM6 SERIES reader with Legic Advant technology, pass through output and a specific customer reference.
9	TM 9 series	8	mifare®	*	*		
T	TM T series			*	*		
V	TM V series			*	*		