

style or technology ... now you can have both

TM 4

SERIES

- UK DESIGN & MANUFACTURE
- RUGGED CONSTRUCTION
- HERMETICALLY SEALED HOUSING
- OUTDOOR ALL-WEATHER OPERATION
- WIDE RANGE OF OUTPUT FORMATS
- 5 YEAR LIMITED WARRANTY
- CUSTOMER BRANDING AVAILABLE
- READ RANGE UP TO 12cm



PRODUCT APPLICATION

The **TM4 SERIES** reader is the original Third Millennium proximity reader. It has a rugged construction and has been designed to surface-mount onto the wall.

Using our in-house graphic design department, a popular feature of the TM4 has been to offer customer branded housings, showing company logos and colours.

The TM4 proximity reader can be installed quickly and easily, and is designed for the most demanding access control applications. The moulded housing is manufactured from a tough polycarbonate polymer compound, offering a high resistance to wear-and-tear and vandal attack.

FEATURES

- **PANEL INTERFACE**
A wide variety of output formats can be supplied to suit most applications.
- **QUALITY DESIGN**
Third Millennium has over 15 years of experience in the design of RFID technology, and offers complete peace of mind when readers have been installed.
- **FLEXIBLE CONNECTIONS**
With 2 LED indicators and an integral speaker, the reader allows for various connection combinations.
- **CARDS & TAGS**
A wide range of identity cards and keyfobs are available to suit virtually every application. Standard ISO style plastic cards, with or without magnetic stripe, can be supplied with surface printing using standard PVC card printers, or to special order.

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TECHNICAL SPECIFICATION

Mechanical

size: 108mm x 52mm x 22mm
housing: moulded polycarbonate housing fully encapsulated electronics
weight: 115g nominal
mounting: 2 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

Environmental

operating temp: -20 °C to +60°C
humidity: 100% RHNC

Electrical

voltage: +5V dc to + 16V dc
current: 250 mA typical
data voltage: rest >4V dc / active <1V dc
data output: Wiegand / clock & data / customised output formats
indication: 2 bicolour LEDs (operation reader model dependent)
speaker: audible indicator (external control on some models)

PART NUMBERING

TM 4 * * / * * *			
STYLE	TECHNOLOGY	OUTPUT	CUSTOMER SPECIFIC (optional)
1 TM 1 series	0 TM125	0 pass through	example: TM402/A34 TM4 SERIES reader with Third Millennium technology, Wiegand output and a specific customer reference.
2 TM 2 series	6 LEGIC	1 clock & data	
4 TM 4 series	8 mifare	2 Wiegand	
5 TM 5 series		3 Watermark	
6 TM 6 series		4 RS232	
9 TM 9 series		* *	
T TM T series		* *	
V TM V series		* *	



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