

TM2

style or technology ... now you can have both
SERIES

- UK DESIGN & MANUFACTURE
- STYLISH CONSTRUCTION
- 1 METRE CABLE WITH RJ11 CONNECTOR (supplied)
- 5 YEAR LIMITED WARRANTY
- M4 FIXING SCREW (supplied)
- SLIM PROFILE
- EASY INSTALLATION
- READ RANGE UP TO 12cm
- PROVIDES SIMPLE MIGRATION FROM MR5, MR10 & MR20 TO PROXIMITY



mifare®

PRODUCT APPLICATION

The **TM2 SERIES** reader is designed to provide a low cost upgrade to directly replace Mercury magnetic stripe card readers.

The reader connects via the standard RJ11 plug and socket system, and is supplied with a 1 metre flying lead requiring no additional installation or maintenance.

The electronics are protected in a tough polycarbonate housing, and is environmentally protected by an EPDM gasket.

TECHNICAL SPECIFICATION

Mechanical

size: 48mm x 138mm x 21mm
housing: moulded polycarbonate housing and mounting back plate
weight: 100g nominal
mounting: 2 x wood screws (supplied)

Connection RJ11 - flying lead (supplied)

1 - red	+5V dc to +16V dc	power supply input
2 - green	data 0/data reader data output	
3 - white	data 1/clock	reader data output
4 - brown	green LED	LED input
5 - orange	red LED	LED / buzzer input
6 - black	0V dc	power supply return

Environmental

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

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.

Electrical

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

PART NUMBERING

TM2 * * / * * *

STYLE	
1	TM 1 series
2	TM 2 series
4	TM 4 series
5	TM 5 series
6	TM 6 series
9	TM 9 series
T	TM T series
V	TM V series

TECHNOLOGY	
0	TM125
6	LEGIC®
8	mifare®

OUTPUT	
0	pass through
1	clock & data
2	Wiegand
3	Watermark
4	RS232
*	*
*	*
*	*

CUSTOMER SPECIFIC (optional)	
example: TM280/A34 TM2 SERIES reader with Mifare technology and a specific customer reference.	

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