

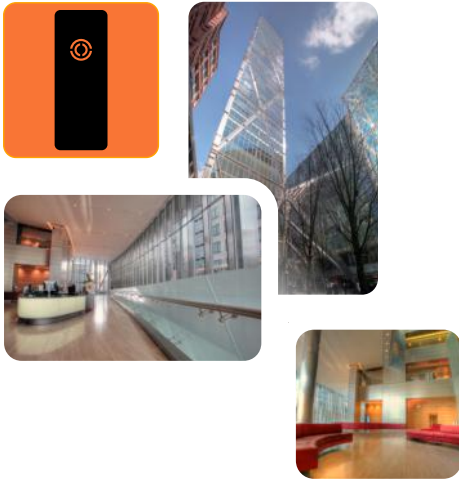


style or technology ... NOW you can have both

RX2

elite SERIES

- UK DESIGN & MANUFACTURE
- HIGH-GLOSS FINISH
- SLIM PROFILE
- RGB LED with ZCL (*Zone Control Lighting)
- HERMETICALLY SEALED HOUSING
- WIDE RANGE OF OUTPUT FORMATS
- 5 YEAR LIMITED WARRANTY
- SURFACE MOUNT
- CUSTOMER BRANDING AVAILABLE
- READ RANGE UP TO 12cm



PRODUCT APPLICATION

The **ELITE series RX2** reader is designed to provide a low cost upgrade to directly replace Mercury magnetic stripe card readers.

Having a slim innovative clean aesthetic, the reader features an RGB LED with **ZCL*** function, which allows each door to be set with a colour coded access level, or to offer illumination for environmental mood lighting ... or to compliment corporate colours.

The unit is moulded using tough PC/ABS plastic, and includes a unique shadow-line backplate - making the reader appear to almost float against the wall.

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 an RGB LED indicator 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: 146mm x 54mm x 21mm
housing: moulded polycarbonate/ABS with fully encapsulated electronics
weight: 100g 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
- 6 - buzzer
- 7 - tamper
- 8 - supply 0V
- 9 - TTL Tx
- 10 - TTL Rx

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 >4Vdc / active <1Vdc
data output: Wiegand / clock & data / custom output formats
indication: 1 RGB LED (operation reader model dependent)
speaker: audible indicator (external control on some models)

PART NUMBERING

RX 2 * * / * * *

STYLE	
1	RX 1 series
2	RX 2 series
4	RX 4 series
5	RX 5 series
U	RX U series

TECHNOLOGY	
0	TM125
6	LEGIC
8	mifare

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

CONFIGURATION SPECIFIC (optional)

example:
RX280/A01

RX2 SERIES reader with Third Millennium Systems technology, Mifare output and a specific configuration reference.

