third millennium
advanced access control readers

Product Features

The ELITE series RX3 advanced access control reader is designed for surface mounting directly to most plain wall finishes, and also fits onto a US, UK or EU electrical backbox.

This powerfully secure and innovative reader has a beautifully clean aesthetic and features an RGB LED that can be applied to many applications, e.g. colour coded access levels, migration status or mood lighting.

The unit is moulded using tough polycarbonate/ABS plastic and includes a shadow line backplate, a subtle design feature that makes the reader appear to float on the wall.

elite
RX3
advanced access control reader

- UK design and manufacture
- High gloss finish in BLACK or WHITE
- Slim profile
- RGB LED
- Fully encapsulated electronics
- Wide range of output formats
- 5 year limited warranty
- Read range up to 10cm (4 inches)

Interfacing

The reader supports a wide variety of output formats allowing it to be used in most access control and related applications, e.g. time and attendance, cashless vending etc.

The combination of an integral speaker, an RGB LED, three control inputs and a variety of LED/buzzer/external control options provide a flexible platform to give the right user interface configuration for your project.

Quality Design

Third Millennium has nearly 20 years of award-winning experience in the design and manufacture of RFID technology and the delivery of world class, state-of-the-art access control projects with our many global partners.

Specification

Mechanical

Dimensions:	120mm x 76mm x 21mm (4.2 x 3.0 x 0.8 inches)
Housing:	Moulded polycarbonate/ABS
Mounting:	Wall surface

Connection (screw terminal)

1	-	+Vdc	Supply voltage (+5Vdc to +16Vdc)
2	-	DATA1 / CLK	Wiegand or Clock/Data output
3	-	DATA0 / DAT	Wiegand or Clock/Data output
4	-	GREEN	Green LED control input
5	-	RED	Red LED control input
6	-	BUZZER	Buzzer control input
7	-	TMPR / CP	Tamper or Card Present output
8	-	0V	Supply voltage ground
9	-	TTL TX	TTL transmit line
10	-	TTL RX	TTL receive line

Environmental

Operating Temperature:	-20°C to +60°C
Humidity:	0 - 100% RHNC
Ingress Protection:	IP65

Electrical

Voltage:	+5Vdc to +16Vdc
Current:	250mA typical
Data Voltage:	Rest >4Vdc / Active <1Vdc
Data Output:	Wiegand, Clock & Data, Custom Outputs
Indication:	1 RGB LED
Sounder:	Integral speaker

technologies available with this reader	Standard Part Numbers
TM125 Prox Compatible	RX300
MIFARE® Classic	RX380
LEGIC® Advant / Prime	RX360
MIFARE® DESFire® EV1	RX390
MIFARE® DESFire® EV1 + TM125	RX390 Plus
available in gloss BLACK or WHITE	

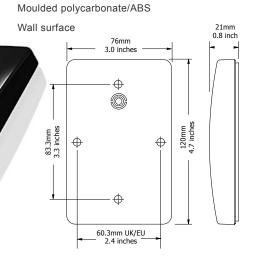MIFARE, MIFARE Classic and MIFARE DESFire EV1 are trademarks of NXP B.V.