TOP VIEW

SIDE VIEW (1)

FRONT VIEW

SIDE VIEW (2)

REAR VIEW

BOTTOM VIEW

INTERNAL VIEW
(reader unpotted)
PCB (bottom)

INTERNAL VIEW
(reader unpotted)
PCB (top)

PRODUCT LABEL (artwork) (FCC UTJ-RX80PLUS)

NOTE:

Full statement of PART 15 of the FCC RULES are given on the user MANUAL (datasheet):

per reference: **100-02319-RX480PLUS(A)**

and as attached with this documentation.

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version	comment	date	drawn by
A	submission for approval	30/03/15	mpn

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TITLE	SHEET TITLE	scale(s)	NTS
SUPPORTING DOCUMENTATION for FC approval	**RX480PLUS** RFID advanced access control reader photographic representation	drawing No.	100-02251-RX480PLUS (A)
		sheet	1 of 1

third millennium
advanced access control readers

elite RX4

Product Features

The **RX480PLUS** advanced access control reader features a sleek mullion style design and is ideal for surface mounting directly to most plain wall finishes.

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.

advanced access control reader

reader technology MIFARE® Classic + TM125 Prox Compatible

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

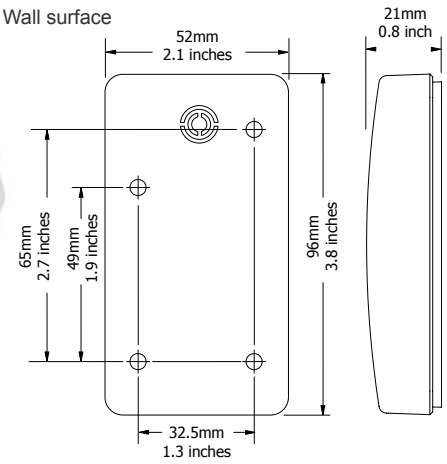
Interfacing

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:	96mm x 52mm x 21mm (3.8 x 2.1 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

CE FC **UTJ-RX80PLUS**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjuction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

clean, simple design

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