

Product features

The RXSK is a PIN-Contactless reader.

This integrated keypad and reader offers a high level of vandal resistant construction and durability for outdoor use, and is particularly suited for positioning in unsupervised locations.

This powerfully secure reader has a clean and functional build rated for continuous use in exposed environments.

The unit is moulded using tough polycarbonate plastics, with tactile metal keypad buttons offering accessibility to those with sensory impairment.

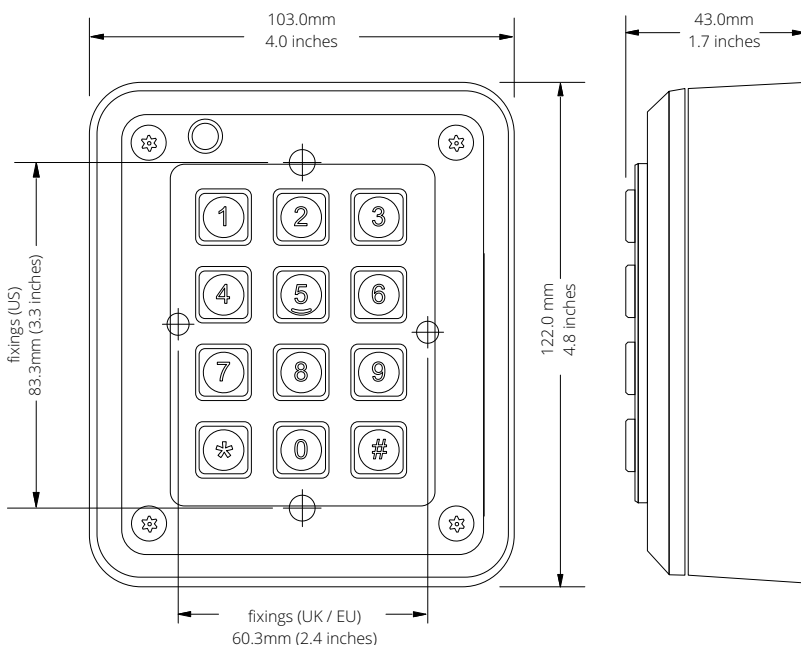
Interfacing

This reader supports a range of output formats allowing it to be used in most access control and related applications.

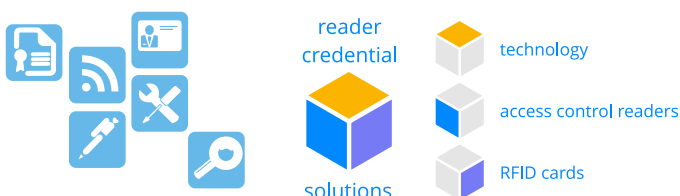
The combination of an integral speaker, LED and control inputs provide a flexible platform to give the right user interface configuration to your project.

Quality design

Third Millennium has more than 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 to our many global partners.



YOUR CONFIGURATION



'MIFARE', 'MIFARE Classic' and 'MIFARE DESFire EV2' are trademarks of NXP B.V.

RXSK



Key Features

- UK design and manufacture
- Black matt finish
- LED visual indicator
- Sealed unit
- Range of output formats
- Read range up to 10cm (4 inches)
- 5 year limited warranty
- UK / EU or US electrical backbox fixing
- **4torm** [®] Interface II V.R., keypad
- ADA & DDA compliant

Technologies supported



MIFARE Classic®
MIFARE®DESFire®
CSN or Sector data



Prime / Advant

All our readers are fully configurable to your specification and requirements.

Depending on the reader design you choose, a variety of control outputs can be applied, including multiple card formats, LED colours and external control options.

Specifications



Mechanical

Dimensions:	103.0 x 122.0 x 43.0 mm mm (4.0 x 4.8x 1.7 inches)
Housing:	Moulded polycarbonate
Mounting:	Suitable plain surface
Fixing holes:	4mm., max' diameter + UK / EU / US electrical backbox

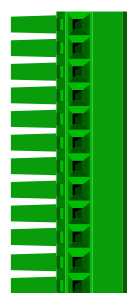
Environmental

Operating Temperature:	-35°C to +65°C
Humidity:	85±5% at 30±2°C (86±3°F)
Ingress protection:	IP65
Impact Resistance	IK09 (10 J Rating)
Vibration & Shock	ETSI 6M3

Electrical

Voltage:	+5Vdc to +12Vdc
Current:	200mA
Data Voltage:	Rest >4Vdc / Active <1Vdc
Data Output:	Wiegand, Clock and Data
Immunity (ESD):	15kV air & contact
Indication:	1 LED
Sounder:	Integral speaker
Cable distance:	150m (492 feet) max; always use shielded cable.

Connection



A - +5v	Power Input. Connect only 5V or 12V power.
B - BEEP	Active Low.
C - DATA HOLD	Holds card data only - Active Low.
D - TAMPER	Normally closed to 0V, open on tamper.
E - 0V	Power.
F - 0V	Power.
G - RED LED	Active Low.
H - GREEN LED	Active Low.
I - +12V	Power Input. Always use 12V for RXSK60.
J - WIEGAND DATA 1	Open Collector output.
K - WIEGAND DATA 0	Open Collector output.
L - TAMPER	Normally open - connects to 0V on tamper.



Certifications

FCC Part 15 | UL294 | CE marked | RoHS | WEEE |

Technology options, output and RFID card solutions (standard configurations)

part No.	frequency	technology	data output	keypad output	switch tamper	RFID card
RXSK60	13.56MHz	Third Millennium LEGIC®	Data Pass Through (Wiegand / C&D)	HID® 4-bit (programmable)	ENABLED	PC06
RXSK80	13.56MHz	Third Millennium MIFARE® Sector	Data Pass Through (Wiegand / C&D)	HID® 4-bit (programmable)	ENABLED	PC08
RXSK90	13.56MHz	Third Millennium MIFARE® DESFire®	Data Pass Through (Wiegand / C&D)	HID® 4-bit (programmable)	ENABLED	PC09

● **IMPORTANT** - PLEASE CALL to discuss your CUSTOM CONFIGURATION or LEGIC® reader requirements. We configure our readers to your specific needs.

Unit installation

- Using the case as a template, mark the position of the four key fixinholes onto the surface or, if fixing to a UK / EU or US back box, use the relevant hole pattern.
- Drill & plug the fixing holes to suit fixing screws (supplied).
- Run the connection cable through the sealing grommet.
- Secure the case to the surface using the fixing screws.
- Make the electrical connection to the connector block.
- Plug the connector block into the keypad.
- Make sure the rubber seal is properly located and fixed to the rear case.
- Fix the keypad to the rear case using the security screws (use the nylon sealing washers under the screw heads).
- Check the installation to ensure the rubber seal is in place and compressed evenly around the perimeter of the case.



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