

Universal RFID Reader

The Universal RFID Card Reader is a high performance 13.56 Mhz RFID smart card reader that works out of the box, without the need for additional drivers. It boasts a read distance of up to 100 mm, and is very easy to use, fast and reliable. It can be widely used in many RFID systems for recording card details and is often called a 'keyboard wedge' reader. Applications include access management, enrolment, data recording and many more. The reader can also be configured for your specific needs at our technical centre.



TECHNICAL DETAILS

Item	Parameters
Model	Universal RFID Reader (HF-IC Reader)
Frequency	13.56Mhz
Supported Cards	MIFARE Classic/Ultralight/NTAG/DESFire + other ISO 14443A cards
Output Format	10 digit decimal (default), other output formats available on request
Size	94mm x 60mm x 10mm
Colour	Black
Interface	USB
Power Supply	DC 5V
Operating Distance	Up to 100mm (card and environment dependant)
Service Temperature	-10°C ~ +70°C
Storage Temperature	-20°C ~ +80°C
Working Humidity	<90%
Read Time	<200ms
Read Interval	<0.5S
Weight	130g
Cable Length	1400mm
Casing Material	ABS
Operating System	Windows XP/CE/7/10, Linux, Android
Indicators	Double colour LED & Buzzer. Red = standby, Green = read completed

Instructions & Operating Tips

INSTRUCTIONS

Method of installation and use

1. Connect the supplied USB cable from the reader to your device. The buzzer will sound and the indicator will turn RED when the reader is ready for operation.
2. On presentation of a card the reader will output, to your desired program or software, the card number by simulating keyboard strokes. Most popular software versions are supported, such as Notepad, Word and Excel.
3. When a successful read has occurred the LED indicator will change from red to green.



OPERATING TIPS

Operation without feedback: Please check whether the reader is plugged in, whether the card is a valid product and whether another RF card is within the range of the reader.

Data error: Please check whether the software that the data is being entered into is the open application, whether the reader is in an active state and whether you are using an after-market cable that exceeds 1400 mm.

Checking the connection: Open the Device Manager of your device, if a device labelled as 'Human Input Device' is shown, this means that the reader has been successfully recognised & installed.

Interference: Do not install the reader on or near magnetic or metal objects as they will seriously affect the RF signal and may damage the unit.

Want further information?

Visit our website: www.usmartcards.co.uk (UK) or www.usmartcards.com (US)

Call us on: +44 (0)333 700 0078 (UK) or +1 800 810 4959 (US)