HF · 13.56 MHZ · DESKTOP CARD READER · KEYBOARD OUTPUT

IDR-300

Place a card and its number is typed into any app. No software, no driver.

1K / 4K (S50 / S70) | Mini (S20) | USB keyboard (HID) | 10-digit card number | Clone-card detection

Plug it in. Place a card. Done.

The **Identium IDR-300** is a 13.56 MHz desktop card reader that works as a USB keyboard. Place a 13.56 MHz 1K or 4K card on it and it types the card's serial number, as 10 digits, wherever the cursor is: a spreadsheet, an attendance screen, an ERP form or a login box.

Nothing to install and nothing to program: it works on Windows, macOS and Linux as soon as it is plugged in. It also detects UID-cloned cards, so a copied card is not passed on as genuine.



10 cm	<100 ms	HID	10 digits	30 mA
Typical read distance	Typical read time	USB keyboard, no driver	Card number output	Typical current

WHAT IS INSIDE

A card reader that types

READ
13.56 MHz front end

- ISO/IEC 14443A, built-in antenna
- 1K (S50), 4K (S70) and Mini (S20) cards
- Reads the card's UID (serial number)
- About 10 cm typical, cards larger than 20 mm

TYPE
Keyboard output

- Standard USB HID keyboard: no driver, no software
- 10-digit card number typed at the cursor
- Works with any app that accepts typing
- Windows, macOS, Linux; iOS devices that take a USB keyboard

PROTECT
Checks and feedback

- Detects UID-cloned cards
- Dual LED indicator
- Typical read time under 100 ms
- USB powered: 5 V, 30 mA typical

WHERE IT WORKS

Anywhere a card number is typed

Attendance
Card punches into HR software

Employee ID
Badge checks at reception

Visitors
Meeting and visitor sign-in

Library and hotel
Member and key cards

Secure printing
Release print jobs by card

Point of sale
Member and loyalty lookup

HOW IT WORKS

From card to cursor, with nothing to install

Card
1K, 4K or Mini card, about 10 cm from the reader

→

IDR-300
13.56 MHZ KEYBOARD READER
- Detect the card
- Read its UID
- Reject a cloned UID
- Turn it into a 10-digit number
- Type it as keystrokes

→

USB keyboard
The PC sees a standard HID keyboard; no driver

→

Your app
Excel, HRMS, ERP, POS or a web form: the number lands at the cursor

Works wherever typing works
No SDK and no integration project: if a person can type the card number into a field, the IDR-300 can do it for them.

WHY THE IDR-300

Card input without a software project

Types like a keyboard
The PC sees a standard USB keyboard, so the card number appears wherever the cursor is.

No software, no driver
Plug and play on Windows, macOS and Linux. Nothing to install, nothing to configure.

Detects cloned cards
A card carrying a copied UID is detected, so a duplicate badge does not pass as the original.

Fits the software you have
Adds card login or card lookup to software that only has a text box, with no code changes.

Generous read distance
The built-in antenna reads cards at about 10 cm (typical, cards larger than 20 mm).

Quick at the desk
Typical read in under 100 ms: put the card down and the number is there.

Made for 1K / 4K cards
Reads the 13.56 MHz cards widely issued for staff, hostel and hotel access: 1K, 4K and Mini (S50, S70, S20) cards.

USB powered
5 V from the port, 30 mA typical. One cable, no adapter.

SUPPORTED CHIPS

Cards it reads

CARD / CHIP	STANDARD	MEMORY	IDR-300
MIFARE Classic 1K (S50)	ISO/IEC 14443A	1 KB	UID, 10 digits
MIFARE Classic 4K (S70)	ISO/IEC 14443A	4 KB	UID, 10 digits
MIFARE Mini (S20)	ISO/IEC 14443A	320 bytes	UID, 10 digits

Types the card UID as a 10-digit number. For card writing, see the IDR-302. MIFARE and MIFARE Classic are trademarks of NXP B.V.

AT A GLANCE

- Types the card number into any app
- Detects UID-cloned cards

IN THE BOX

- IDR-300 reader with integrated USB cable
- Ready to use: no software, driver or setup
- 13.56 MHz 1K (S50) cards are available from our range

ORDERING

IDR-300	HF desktop card reader, USB keyboard output.
IDR-302	Reader-writer version, USB virtual COM port: reads and writes 1K / 4K and NTAG.

SPECIFICATIONS

Technical data

RF AND CARDS	
Frequency	13.56 MHz
Standard	ISO/IEC 14443A
Cards	MIFARE Classic 1K (S50), 4K (S70), Mini (S20)
Output	Card UID as a 10-digit number
Read distance	10 cm typical, 11 cm max. (cards over 20 mm, from the reader base)
Read time	Under 100 ms, typical
Security	UID-cloned card detection

POWER	
Supply	5 V DC from the USB port (4.5 to 5.5 V)
Current	30 mA typical while reading (25 to 50 mA)

INTERFACE	
Host interface	USB, HID keyboard
Driver	None needed
Operating systems	Windows, macOS, Linux; iOS with USB keyboard support
Indicators	Dual LED

MECHANICAL AND ENVIRONMENT	
Dimensions	120 × 80 × 16 mm
Weight	100 g
Operating temp.	–10 °C to +50 °C
Storage temp.	–20 °C to +70 °C
Humidity	Up to 95 % RH

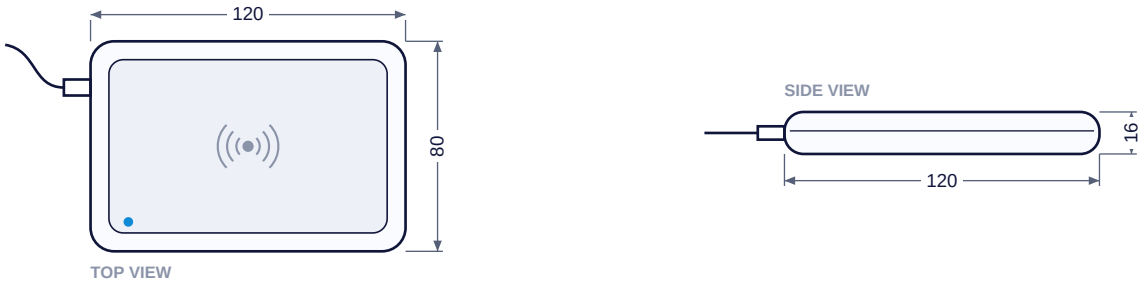
WHICH READER?

IDR-300 or IDR-302

	IDR-300	IDR-302
Output	Types the card number, as a USB keyboard	Answers commands over a USB virtual COM port
Software needed	None: plug in and type	Your application drives it by command
Cards	1K, 4K and Mini (S50, S70, S20) cards	1K / 4K (S50 / S70), Ultralight, NTAG21x
Reads	Card UID, as 10 digits	UID and card data; writes cards
Distance	About 10 cm, typical	Up to 6 cm
Clone-card detection	Yes	Yes
Best for	Attendance, login and lookups in software you already use	Issuing, encoding and topping up cards

MECHANICAL

Dimensions



Top and side views, mm. Integrated USB cable.

Card login without a software project.

Tell us the cards you issue and the software they need to type into, and we will confirm the IDR-300 fits before you order.

www.indiarfidstore.com
marketing@indiarfidstore.com
+91 70110 01472

Read range depends on the card or tag, its size and the environment. Specifications are indicative and may change without notice; confirm details for your order in the quotation.