



Access Reader

ID IDENT 5000



PRODUCT DESCRIPTION

The ID IDENT 5000 from iDTRONIC is a compact and versatile access reader that combines HF | NFC RFID technology (13.56 MHz) with a powerful 1D/2D barcode scanner in one device.

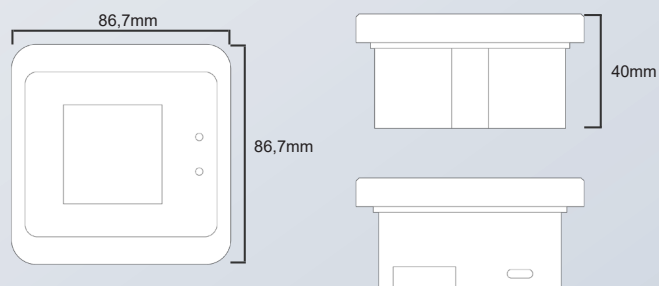
Ideal for healthcare, fitness, retail, industrial, and parking applications, it ensures fast and secure identification through cards, tags, or QR codes. With flexible connectivity (USB VCP, TCP/IP, relay) and versatile power options (USB-C, 24 V DC, PoE), integration is simple and efficient.

Supporting a wide range of MIFARE® and NFC standards as well as all major barcode formats, the ID IDENT 5000 offers maximum flexibility. Its robust ABS housing, extended temperature range, and low power consumption make it a reliable solution for modern access control and self-service environments.

The ID IDENT 5000 can be integrated into turnstiles of the series:

- ID GATE 5600
- ID GATE 5800
- ID GATE 8800
- and many more...

DIMENSIONS



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APPLICATIONS

- Access control
- Pools / Spas / Gym
- Industrial Sites
- Parking / Barriers
- Cultural institutions
(e.g. Museums)

FEATURES

- RFID and barcode reader in one
- Can be used in combination with our turnstiles
- Acoustic and visual feedback
- Extensive configuration options
- Reads RFID transponders (e.g. cards, keyfobs or wristbands)
- Powered by PoE

TECHNICAL DATA

TECHNICAL SPECIFICATIONS

Frequency	13.56 MHz
Power Supply	USB-C 5V, up to 24 V DC, or PoE
Power Consumption	Max. 200 mA @ 5 Vdc, app. 1 W max
Relay	Max. switching power: 30W/37.5VA Max. switching voltage: 220Vdc/250Vac Max. switching current: 1A Max. carrying current: 1A Initial contact resistance: Maximum 100 mΩ (initial) Contact material: Silver alloy with gold overlay All contacts accessible: COM, NO, NC
QR-Module	Integrated on the mainboard
Reading Range	Cards: 0 - 5cm QR-Code: 0- 10cm
Interface	USB VCP, TCP/IP, Relay

MECHANICAL SPECIFICATIONS

Outer Dimensions	86,7 x 86,7 x 40mm
Mounting Dimension	71,4 x 70,4mm
Material	90g
Housing Material	ABS

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20°C ~ +60°C
Storage Temperature	-40°C ~ +80°C
Humidity	up to 95 %, non-condensing

CONFIGURATION SOFTWARE

Supported OS	Windows
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1D/2D SPECIFICATIONS

Barcode Type	1D: EAN13, EAN8, UPCA, UPCE0, UPCE1, Code128, Code39, Code93, Codabar, Inter25, Matrix25, Code11, MSI, RSS-14(GS1)
	2D: PDF417, MICRO PDF, Data Matrix, microQR, QR, Aztec Code

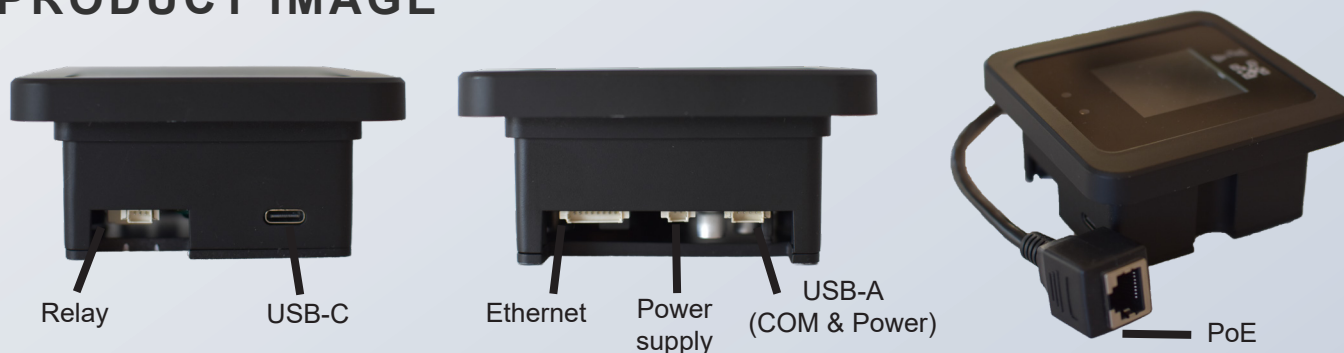
SCOPE OF DELIVERY

ID IDENT 5000	Adapter for RJ45
	2 Pin cable for power
	3 Pin cable for relay
	USB-A adapter

SUPPORTED STANDARDS / TAGS

RFID HF NFC 13.56 MHz	
ISO 14443 A and compatible	Read UID Only: MIFARE® Classic/1K/4K, MIFARE Ultralight®/C, MIFARE® DESFire®EV1/3, MIFARE® Smart MX, MIFARE® Plus S / X, MIFARE® Pro X, Fudan FM08, NFC, NTAG Family

PRODUCT IMAGE



ORDER CODES

DESCRIPTION	ORDER CODE
ID Ident 5000	R-EA-ID5000