RFID PRINTER · UHF · DESKTOP PRINTER AND ENCODER

IT4RL

A desktop printer that prints and encodes UHF labels, on-metal ones included, from Excel.

Built-in UHF encoder | Up to 8 ips | 6,000 labels per hour | On-metal up to 1 mm | Identium TagSmith

Your own RFID labels, when you need them.

The **Identium IT4RL** prints a label and writes its UHF RFID chip in the same machine, so you make your own RFID tags on demand. It handles standard soft UHF labels and on-metal labels up to 1 mm thick, the kind used on laptops, racks, tools and machinery.

It prints at up to 8 ips and prints and encodes up to 6,000 labels an hour. Identium TagSmith software turns an Excel or CSV list of asset numbers or SKUs into encoded labels, over USB or an optional TCP/IP interface.



8 ips
Maximum print speed

6,000
Labels per hour, encoded

1 mm
On-metal labels, up to

UHF
Built-in RFID encoder

.xlsx
Print from Excel or CSV

WHAT IT DOES

Print, encode and design

PRINT
Up to 8 ips

- Soft UHF labels
- On-metal labels up to 1 mm
- Barcodes, QR and pictures
- USB; TCP/IP optional

ENCODE
In the same pass

- Up to 6,000 labels an hour
- Each label confirmed
- Retry on the next label
- EPC printed as QR or text

DESIGN
Identium TagSmith

- Label design on screen
- Data from Excel, CSV, serials
- Guided printer calibration
- Job history to Excel or CSV

WHERE IT WORKS

Where it prints

Fixed assets
Asset tags

IT assets
On-metal IT labels

Warehouse
Carton labels

Retail
Product labels

Asset audits
Relabelling drives

Offices
Desk-side printing

HOW IT WORKS

From an Excel list to encoded labels

Your data
Asset list, SKUs or serial numbers in Excel (.xlsx) or CSV

TagSmith
Identium label design, print and encode software for Windows

IT4RL
DESKTOP RFID PRINTER AND ENCODER
- Prints the label at up to 8 ips
- Encodes the UHF chip in the same pass
- Confirms each label
- Up to 6,000 labels an hour
- Soft and on-metal labels

Tagged items
Assets, cartons and products, printed number matching the tag

Software and manuals
Identium TagSmith, the printer SDK and the user manuals are on the Identium downloads page.

WHY THE IT4RL

RFID labels made at your desk

Labels on demand
Print and encode RFID labels when you need them, beside the person managing the data.

On-metal labels too
Soft UHF labels and on-metal labels up to 1 mm thick, for racks, tools, laptops and machinery.

Up to 6,000 labels an hour
At print speeds up to 8 ips; output depends on label length and the data written to each tag.

Straight from Excel
TagSmith reads Excel (.xlsx) and CSV files and serial numbers: each row becomes one printed, encoded label.

Codes that match the tag
Print the tag's EPC as a QR code or text, plus Code 128, GS1-128, EAN, UPC, Data Matrix and PDF417.

Every label confirmed
The printer confirms each label as it is encoded, and TagSmith can print a tag number again on the next label.

Guided calibration
TagSmith's Calibrate screen sets the printer up for each roll and says which DIP switch to move.

History you can export
A record of every job and label, exported to Excel, CSV or text for your asset software.

MEDIA AND ENCODING

What it prints and encodes

ITEM	IT4RL	IN PRACTICE
RFID encoder	UHF	Prints and encodes in one pass
Label types	UHF soft labels; on-metal up to 1 mm	Cartons, products, racks, IT assets
Print speed	Up to 8 ips	Up to 6,000 labels an hour
Data sources	Excel (.xlsx), CSV, serial numbers	One row, one encoded label
Software	Identium TagSmith (Windows 10 and 11, 64-bit)	Design, print, encode and export

Tell us your label size and type, and we confirm them with your quotation.

AT A GLANCE
- Prints and encodes UHF labels in one pass
- Soft UHF and on-metal labels up to 1 mm
- Identium TagSmith: print from Excel or CSV

YOUR ORDER
- IT4RL desktop RFID printer and encoder
- Identium TagSmith software for Windows
- USB as standard; TCP/IP network interface on request

ORDERING

IT4RL	Desktop UHF RFID printer and encoder, up to 8 ips, soft and on-metal labels.
iX4R	Industrial UHF RFID printer for printing through every shift.

SPECIFICATIONS

Technical data

PRINTING AND ENCODING	
Type	Desktop RFID printer and encoder
RFID	UHF
Label types	UHF soft labels; on-metal (anti-metal) labels up to 1 mm thick
Print speed	Up to 8 ips
Throughput	Up to 6,000 labels per hour (print and encode)

CONNECTION	
Interface	USB; TCP/IP optional
Model	IT4RL

IDENTIUM TAGSMITH	
Function	Label design, printing and encoding
Platform	Windows 10 and 11 (64-bit)
Data sources	Excel (.xlsx) and CSV files, serial numbers
Codes	Text, Code 128, GS1-128, EAN, UPC, QR, Data Matrix, PDF417, pictures
Export	Job and label history to Excel, CSV or text

WHICH PRINTER?

IT4RL or an industrial printer

	IT4RL	IX4R
Type	Desktop RFID printer and encoder	Industrial RFID printer and encoder
Labels	Soft UHF labels and on-metal labels up to 1 mm	EPC Gen 2 labels and inlays, 104 mm print width
Best for	Offices, stores and asset projects, printed at the desk	Printing through every shift on a warehouse or production line

PRODUCT VIEWS

IT4RL printer



Ask for a printer quotation.

Tell us the labels you print (soft or on-metal), their size, how many you need a day and whether the printer goes on your network, and we will quote the IT4RL with labels to match.

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Output depends on the label, its chip and the data written. Specifications are indicative and may change without notice; confirm details for your order in the quotation.