UHF RFID EVALUATION KIT · 865–868 MHZ · LED LABELS

CX1500N-LED-EVK

Find the one file, book or box you need: the label you search for lights up.

CX1500N + 100 LED labels | CX Flow Pro, free | LED tag support | Up to 25 m | BIS and WPC approved

Walk to the light, not the shelf.

The **Identium CX1500N-LED-EVK** pairs the rugged CX1500N UHF handheld with 100 UHF printable LED labels. When the reader finds the label you are looking for, its LED lights up, so the right file, book or box shows itself on the shelf.

CX Flow Pro, pre-installed with no licence fee, supports LED tags. Count a shelf, pick one label and walk to the light, reconcile against your list, and export the session to Excel or PDF on the handheld.



100	25 m	1–15 m	10,000	33 dBm
LED labels in the kit	Reader range, tag dependent	LED label range, by reader	mAh battery	Transmit power, adjustable

WHAT THE KIT LETS YOU DO

Count, find by light, connect

COUNT
Bulk counts on the device

- Live unique count and read total
- Read count and RSSI per tag
- Saved sessions per shelf
- Excel or PDF on the handheld

FIND
The label lights up

- LED tag support in CX Flow Pro
- LED lights on the label you seek
- Radar finder with Geiger beep
- Printable face beside the LED

CONNECT
Into your own system

- Auto Mode HTTP POST to your URL
- Keyboard emulator into apps
- SDK and demo app
- 1D/2D imager for barcodes too

WHERE IT WORKS

Where find-by-light fits

Record rooms	Libraries	Patch panels	Archives	Stockrooms	Offices
File search	Book location	Cable identification	Box retrieval	Item search	Document audits

HOW IT WORKS

From a labelled shelf to the one item you need

LED labels
100 ULEDKX100 printable labels on files, books, boxes or cables

→

CX1500N-LED-EVK
CX1500N RUGGED UHF HANDHELD
- Count a shelf with unique totals
- Pick one label to search for
- Its LED lights on the shelf
- Radar and beep lead you there
- Write your own numbers to labels

→

CX Flow Pro
Pre-installed: LED tag support, found and missing, Excel and PDF

→

Your system
Auto Mode HTTP POST, Auto RFID webhook, or keyboard emulator

App, SDKs and manuals
CX Flow Pro, the CX1500N Android SDK, Flutter plugin, user manual and app guide are on the Identium downloads page.

WHY THE LED LABEL KIT

See which item it is, not just that it is near

The right label lights up
CX Flow Pro supports LED tags: when the reader finds the label you search for, its LED lights on the shelf.

100 printable LED labels
ULEDKX100 labels with a printable face, so a file number, title or barcode sits beside the LED.

CX Flow Pro pre-installed
Identium's RFID app for counts, tag search and verification runs on the handheld, with no licence fee.

Found and missing
Paste EPCs or upload an .xlsx or .csv list, scan, and the app separates the items found from the ones missing.

Your own numbers
The label memory is readable and writable: encode your file or asset numbers, while each keeps its fixed UID.

Rugged handheld
CX1500N on IDOS (Android 15) with a 10,000 mAh battery and a 1.2 m drop rating onto concrete.

Results to your system
Auto Mode posts reads by HTTP POST to your URL; keyboard emulation types reads into another app.

India band
The CX1500N works in the 865–868 MHz UHF band used in India, reading EPC Gen2 and ISO 18000-6B tags.

READER AND LED LABELS

What is in the kit, and how it reads

PARAMETER	CX1500N + ULEDKX100	NOTES
Protocol	ISO 18000-6C / EPC Gen2	CX1500N also reads ISO 18000-6B
Frequency	865–868 MHz	India UHF band
Reader range	Up to 25 m	Depends on tag and environment
LED label range	1–15 m	Reader dependent
LED label chip	Alien, Impinj Monza R6-P or custom	Readable and writable; UID fixed
LED label life	100,000 cycles; 10-year retention	–40 °C to +85 °C

Alien is a trademark of Alien Technology; Impinj and Monza are trademarks of Impinj, Inc.

AT A GLANCE

- BIS and WPC approved
- 100 UHF printable LED labels in the kit
- CX Flow Pro pre-installed, with LED tag support

IN THE BOX

- CX1500N UHF handheld reader with CX Flow Pro pre-installed
- USB cable and 5 V / 2 A power adapter
- 100 UHF printable LED labels (ULEDKX100)

ORDERING

CX1500N-LED-EVK	CX1500N UHF handheld, 100 ULEDKX100 LED labels and CX Flow Pro.
ULEDKX100	UHF printable LED label, for more labels.

SPECIFICATIONS

Technical data

KIT

Kit contents	CX1500N handheld, USB cable, 5 V / 2 A adapter, 100 ULEDKX100 LED labels
Software	CX Flow Pro, pre-installed (no licence fee), with LED tag support
Approvals	BIS and WPC approved

RF AND TAGS

Frequency	865–868 MHz (ETSI, India)
Protocol	ISO 18000-6C / EPC Gen2, ISO 18000-6B
Read range	Up to 25 m (depends on tag and environment)
Transmit power	Up to 33 dBm, adjustable
Antenna	Circularly polarised, 4.5 dBi ceramic

HANDHELD

OS	IDOS, Identium's OS built on Android 15
Processor	MediaTek MT6765 octa-core; 4 GB RAM, 64 GB storage
Display	5.0-inch touch screen
Barcode, camera	1D/2D imager; 13 MP rear (autofocus, flash), 5 MP front
Connectivity	4G data (2 × nano-SIM), Wi-Fi 802.11 b/g/n, Bluetooth 4.0, GPS
Battery	10,000 mAh rechargeable
Drop	1.2 m onto concrete
Weight	580 g

LED LABELS

Model	ULEDKX100, 100 pcs
LED	Lights when the reader finds the label
Protocol	ISO 18000-6C (EPC Gen2)
Chip	Alien, Impinj Monza R6-P or custom
Read range	1–15 m (reader dependent)
Memory	Readable and writable; UID fixed
Temperature	–40 °C to +85 °C
Face	Printable; adhesive backing

SOFTWARE

CX Flow Pro	Bulk inventory, finder, pick list, sessions, Excel and PDF, Custom Scan, tag memory, Auto Mode, keyboard emulator, AISense
IDOS extras	Auto RFID; programmable side buttons and trigger; CX Code Scanner
SDK	SDK and demo app for your own app

PRODUCT VIEWS

LED labels and the CX1500N





Label one shelf, then find by light.

Ask for a quotation for the CX1500N-LED-EVK. Tell us what you will label, such as files, books, boxes or cables, and what you want printed on the label face.

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Read range depends on the label, the item it is on and its surroundings. Specifications are indicative and may change without notice; confirm details for your order in the quotation.