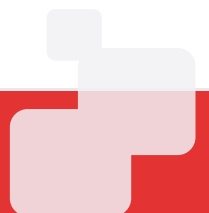


Topaz™ RFID handscanner Inventory

The APTQ Topaz™ represents a compelling solution for library operations, presenting a robust, handheld RFID reader designed for optimal performance. It merges superior reading capabilities with a compact, portable design, whilst maintaining the distinction of being one of the lightest devices in its class. Its ergonomics have been meticulously engineered for intensive use, facilitating user-friendly and comfortable one-handed operation. The accompanying SearchLib® Server, a web server, maintains a synchronized record of all changes to lists, catalogues, and search lists, ensuring updates

are readily available on the handheld device, enabling seamless software usage in any location.

Equipped with a vibrant touch screen and an intuitive user interface, the Topaz™ RFID handscanner guarantees efficient library operations. Its impressive battery life empowers continuous use throughout an entire work shift without necessitating recharging. Furthermore, the software can be effortlessly updated, thereby guaranteeing longevity and durability in its product life cycle.



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The Topaz™ system includes SearchLib® Server software and a SearchLib® App. It allows wireless transfer of item lists and data between the server and the handheld unit(s). If a WLAN connection is not available, data transfer can also be done via USB.

The Topaz™ SearchLib® App has four main functions:

1. In Inventory mode it is possible to scan for example books on one shelf and transfer the data to the server at high speed.
2. In Search mode, the search data is exported from the LMS into handy search lists and transferred from the server to the handheld(s). The user will be notified with visible (on screen), audio (beep) and vibration signals when a search item is detected and listed.
3. In Misplaced mode it works opposite to search mode, as the unit will notify the user when a non listed item is detected, for instance when a book is on the wrong shelf.
4. In AFI/EAS mode items can be (de)activated or (re)programmed to change AFI and/or EAS codes, one by one, or in bulk.

Furthermore, the SearchLib® App features filtering possibilities to specific unique search criteria.

Benefits:

- The AFI/EAS feature enables precise inventory management, allowing for quick searches and easy identification of misplaced items, improving overall efficiency
- With an integrated RFID reader and barcode reader, this tool offers a versatile scanning solution, reducing the need for multiple devices and streamlining the tracking process
- The inclusion of visual, audio, and vibration feedback ensures that alerts are noticeable in any condition, enhancing the user experience and reducing errors
- Its design to function in any environment ensures reliable performance
- The ability to read tags from up to 30 cm away on high power means less manual handling
- Capable of reading up to 40 tags per second, this feature dramatically speeds up inventory tasks and checkout processes
- And much more!

Applications:

- Inventory management in libraries



Topaz™ RFID handscanner

Specifications

Features

Inventory, Search, Misplaced, AFI/EAS	●	Designed to work in any environment	●
Integrated RFID reader and barcode reader	●	Read range up to 30 cm on high power	●
Visual, Audio, Vibration	●	Reading speed up to 40 tags per second	●

● Included ○ Optional

Technical specs

Category	Brand new
Dimensions (WxHxD)	(98 x 190 x 150) mm
Weight	540 grams
Material	ABS black
Screen	3.5" touch screen
Battery	Li-ion 3,8V 4500mAh
Charging time	2,5h (0-90%), 5h (100%)
Usage	Stand-by 26hrs, full continuous use min. 10hrs
Barcode Scanner	Integrated 1-D Laser scanner
Docking Station	Optional (USB + extra battery charger)
Normal Read range	Up to 30cm (with 50x80 Dialoc ID booktags) on high power
Reading Speed	up to 40 tags per second
Memory	2GB RAM, 10GB ROM
SSD expansion	max. 32GB
Standards	CE/EMC
Operating system	Android 7.0
Kernel	3.18.35+
SIM	2 x for 4G connections
SearchLib Server	to be installed on Windows7 64bit or higher computer, additional requirements: Node.js and Mongo DB3.4
Software	YourLib® ID Converter, optional with YourLib® Advanced Repair license
Connections	WLAN 802.11 b/g/n 2,4 & 5,0Ghz., USB, charger, Bluetooth 4.0
Interfaces	.csv, excel and text files for import/export

RFID specifications

Operating frequency	13.56 MHz
Technology	Advanced RFID technology
EAS and AFI function	Yes
RFID reader	Yes
Barcode Reader	Yes
RFID standard	ISO 15693, ISO 18000-3 mode1
RFID datamodels	Auto, ISO fixed, Danish, Alphanumeric 3M, Numeric 3M, Dutch

Product reference

SKU	RFID-TH-N
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With over 25 years of experience, APTQ specializes in electronic systems in Canada. Our team offers a range of quality products for loss prevention, inventory management, and cross-selling. We provide the best technologies available on the market, combined with our recognized expertise in the field, to ensure an optimal experience in every respect.

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