



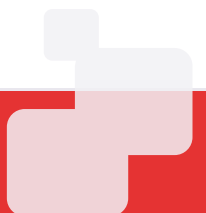
Sapphire™ Hybrid Self-service Circulation system

The integration of self-service in libraries today represents a critical and potent provision for patrons. The Sapphire™ stands as a technologically advanced, ergonomically designed self-service unit, impeccably fitting into existing logistic processes. Its modular design provides unparalleled adaptability to libraries, accommodating a transition to different identification technologies, both in the current landscape and in the future.

The Sapphire™ Hybrid self-service unit flawlessly merges either barcoding or RFID technology for the identification of patron cards, along with EM technology to ensure optimal item security. This is achieved by activating or deactivating

the EM tags after the successful registration of items via RFID book tags. This simple, one-move handling improves efficiency, accuracy and security in a user-friendly environment.

The unit is equipped with a 22" high-definition touch screen, integrated with a receipt printer, RFID readers, barcode scanners for cards, an EM activator and deactivator for EM tags, and an RFID reader for RFID tags. All these components are designed within a single, compact, stylish, and high-quality housing, facilitating effortless relocation within the library.



Sapphire™ Hybrid Self-service Circulation system

The Sapphire™ self-service unit is furnished with comprehensive circulation software as a standard feature. This includes check-in, check-out, and renewal functions, and it is pre-configured for seamless integration with a Library Management System (LMS) via the fully supported SIP2 protocol.

Options

The Sapphire™ self-service unit is typically presented in a neutral beige/grey hue. However, a customized color palette can be made available upon request.

Advantages:

- Uses RFID technology (EAS and/or AFI bit) and uses EM technology (EM (de) activator)
- Thanks to interactive icons on the touch screen, it offers lending, returning, and renewing books functionalities, as well as an overview of available items
- The pre-installed and pre-configured Dialog ID MyLib® software offers an intuitive and user-friendly interface
- Compatible with LMS/ILS SIP2 protocols, it easily integrates into existing library management systems
- Its design in stainless steel and high-impact composite ensures both modernity and long-term durability
- Its large and bright 22-inch 16:9 Full HD touch screen displays vivid and detailed graphics to capture attention
- And more!

Applications:

- Loss prevention and inventory management in libraries



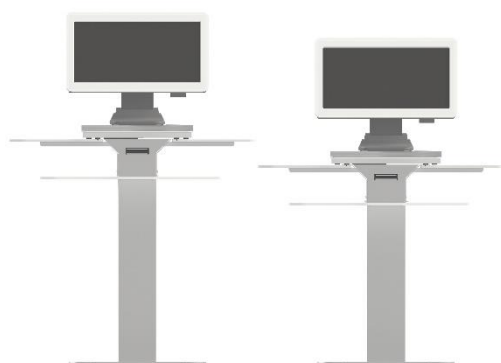
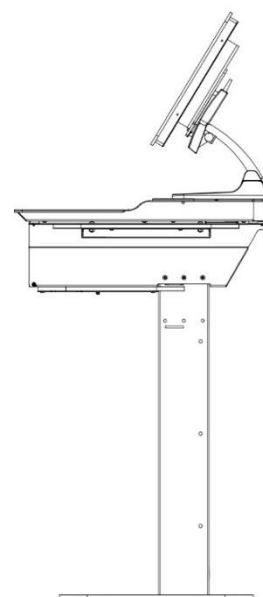
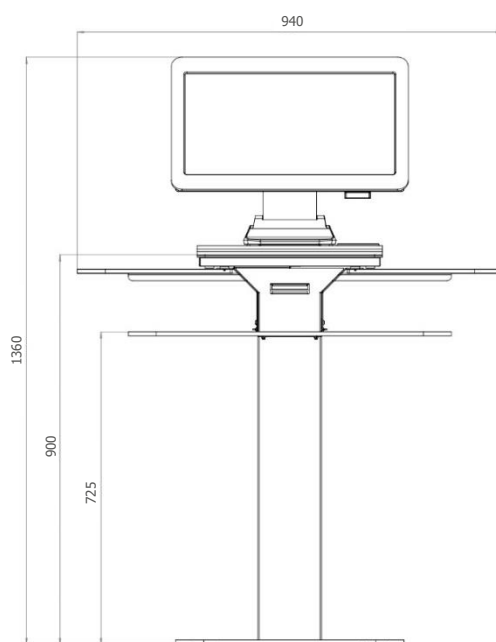
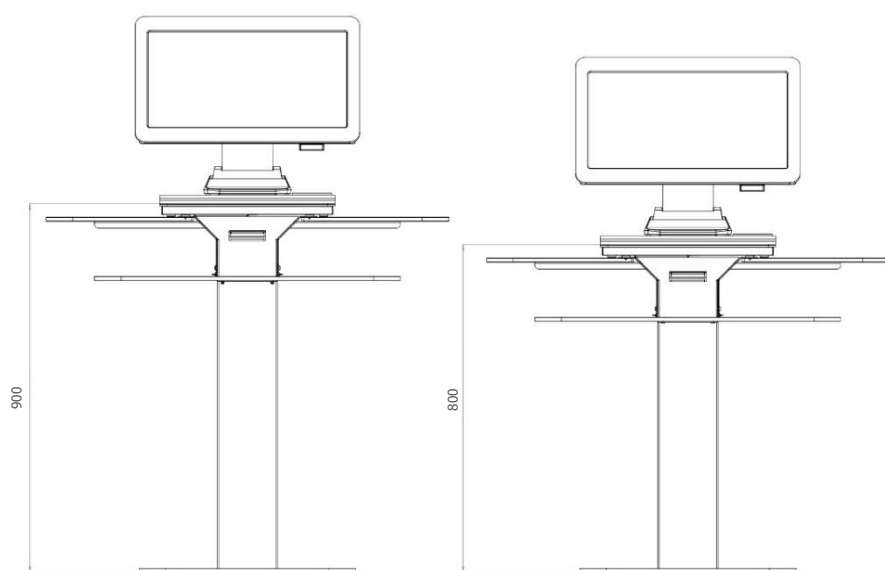
Color options:



Sapphire™ Hybrid Self-service Freestanding

The Sapphire™ Hybrid Self-service unit is also available in an adjustable freestanding version. This feature allows for exceptional adaptability to accommodate a diverse range of users, including wheelchair users and children, facilitating accessibility and usage of the self-service unit for all.

The Sapphire™ Hybrid Self-service unit includes an integrated printer, eliminating the need for an external printer to print transaction receipts.



Sapphire™ Hybrid Self-service

Specifications

Features

RFID technology (EAS and/or AFI bit) and EM technology	●
Function: Check-out / Check-in / Renewal / Overview	●
Pre-installed and pre-configured Dialoc ID MyLib® software	●

● Included ○ Optional

Supports SIP2 LMS/ILS protocols	●
Stainless steel, PS, high-impact composite	●
High quality 16:9 Full HD 22" LCD touch screen	●

Technical Specifications

Category	Brand new
Software	Dialoc ID MyLib® software pre-installed and pre-configured. It supports LMS/ILS protocols SIP2 and is data model independent. Access to the library network via Ethernet is required.
Compatibility	SIP2
Certifications	CE / EMC
Norm	ISO 15693 / 18000-3 mode 1 / ISO 28560 / ISO 14443
Check out /check in materials	Books / Magazines / Media
PC tactile	High quality 16:9 Full HD 22" LCD touch screen with a wide view angle VA panel. Dust and waterproof (IP65), Chip-set: Intel® QM77, CPU: Intel® 2nd and 3rd generation. Intel Core™ i3, i5, i7, mobile processor TPD > 35W
Item Identification & protection	RFID reader: 13,56 Mhz, ISO 15693
Item protection	RFID technology (EAS and/or AFI bit) EM technology (EM (de) activator)
User Identification	2D barcode imager or RFID reader 13,56 Mhz, ISO 14443
Material	Stainless steel, PS, high-impact composite
Printer	Thermal line printing with a 180 dpi print head, print speed of 250mm/second, assuring crisp, clear receipts and eye-catching logos.
Weight	37 kg
Power	120 V (incl. power cable)
Operating Temperature	+ 10 °C <> + 45 °C

EM Specifications

Operating Frequency	366 Hz
Technology	EM technology (EM (de) activator)
Supported tags	All APTQ EM tags and various EM tag suppliers

RFID Specifications

Operating Frequency	13,56 Mhz, ISO 15693
Technology	Technologie RFID (EAS et/ou AFI bit)
Supported tags	All APTQ RFID tags and various RFID tag suppliers

Dimensions

Width (self-service)	638 mm
Height (self-service)	663 mm
Depth (self-service)	568 mm
Width tabletop (freestanding)	940 mm
Floor area (freestanding)	530 x 450 mm
Height (freestanding)	800 / 900 mm

Product references

Sapphire™ Hybrid Self-service	HYB-SSS-N
Sapphire™ Hybrid Self-service Freestanding	HYB-SSSF-N

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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