



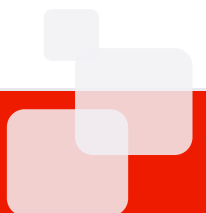
## Sapphire™ Hybrid Self service Circulation system

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.

## Specifications

### Dimensions

- Height: 663 mm
- Width: 638 mm
- Depth: 568 mm

**Material:** Stainless steel, PS, high-impact composite

**Weight:** 37 kg

**Functions:** Self service: Check -in, check-out

**Compatibility:** SIP2

**Standard:** ISO 15693 / 18000-3 mode 1 / ISO 28560 / ISO 14443

**Certifications:** CE / EMC

**Check-in / check-out materials:** Books / Magazines / Media

### Touch PC:

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

### Printer:

Thermal line printing with a 180 dpi print head, print speed of 250mm/second, assuring crisp, clear receipts and eye-catching logos.

**Item Identification & protection:** RFID reader: 13,56 Mhz, ISO 15693

Patron identification: 2D barcode imager or RFID reader 13,56 Mhz, ISO 14443

Item protection: RFID technology (EAS and/or AFI bit)

Item protection: EM technology. (EM (de) activator)

**Software:** Dialog 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.

**Power:** 120 V

**Environmental facts:** Temperature: + 10°C <> + 45°C



Color options:

