



## Sapphire™ Hybrid Self-service Circulation system

Today self-service in libraries is a powerful and crucial service to patrons. The Sapphire™ is an ergonomically designed hi-tech self-service unit that fits perfectly into the logistic process.

It's modular construction gives all the flexibility to libraries who want to migrate to different identification technology today and in the future.

The Sapphire™ Hybrid self-service unit seamlessly combines barcoding- or RFID technology for the identification of patron cards with EM technology for

optimal security of items by (de)activating the EM tags after successful registration of items via RFID book tags.

This simple, one-move handling improves efficiency, accuracy and security in a user friendly environment.

The 22" HD touch screen together with the integrated receipt printer, RFID readers and barcode scanners for cards, EM (de)activator for EM tags and RFID reader for RFID tags are designed in one compact stylish high-quality housing, and therefore easy to relocate in a library.

# Sapphire™ Hybrid Self-service Circulation system

The Sapphire™ self-service unit comes standard with full circulation software including check-in, check-out and renew functions, preconfigured to connect to an LMS (Library Management Software) through SIP2 which is completely supported.

The Sapphire™ self-service unit is delivered in beige/grey color.

## 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 15.693 / 18.000-3.1 / 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 water proof (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/sec, 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:** 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.

**Power:** 230 V

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



### Sapphire self-service kiosk

The Sapphire self-service unit is a desktop model but can also be installed on a pedestal. The height of the pedestal is manually adjustable.

### Dimensions pedestal:

Width tabletop: . . . . . 940 mm

Floor area: . . . . . 570 x 520 mm

Height: . . . . . 800 / 900 mm