



## Sapphire™ RFID 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™ RFID self-service unit seamlessly combines barcoding- or RFID technology for the identification

patron cards with RFID technology for optimal security of items by (de) activating the RFID tags after successful registration of items. 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 are designed in one compact stylish high-quality housing, and therefore easy to relocate in a library.



# Sapphire RFID 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:** 31 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 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)

**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