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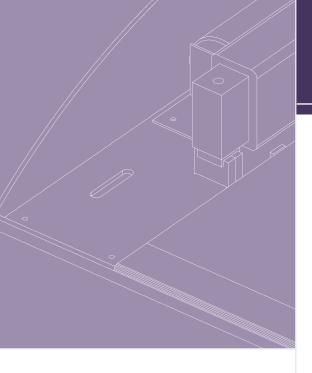
Today self-service in libraries is a powerful and crucial service to patrons. The Sapphire™ is an ergonomically designed hi-tech self service unit that fits perfectly into the logistic process.

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™ EM Self service seamlessly combines barcoding technology for the identification of items and

patron cards with EM technology for optimal security of items by (de) activating the EM 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, EM (de)activator, barcode scanners for items and cards are designed in one compact stylish high-quality housing, and therefore easy to relocate in a library.

# Sapphire™ EM 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.

**Options**

The Sapphire™ self service unit is delivered in beige/grey color. Upon request other colors are available.

## 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

**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/second, assuring crisp, clear receipts and eye-catching logos.

**Item Identification:** 2D barcode imager
**Patron identification:** 2D barcode imager
**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: + 10ºC <> + 45ºC

Color options: