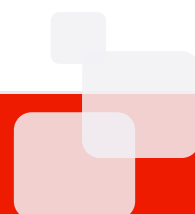# Sapphire™ 24/7 Bookdrop
Circulation system

The Sapphire™ 24/7 Bookdrop is an elegantly designed solution, crafted to augment efficiency, productivity, and customer service within library settings.

Owing to its unique technical mechanisms, resilient and weatherproof materials, and an emphasis on safeguarding against vandalism, this user-friendly unit can be conveniently placed either inside or outside the library. The Sapphire™ 24/7 Bookdrop empowers patrons by facilitating the return of items round-the-clock, seven days a week. Should the Bookdrop encounter network connectivity issues and go offline, it continues to provide uninterrupted service, storing return information in its memory buffer. Upon reestablishing network connectivity, the unit automatically synchronizes with the Library Management System (LMS) server and registers the returns, thereby maintaining seamless operations.

Sapphire™ 24/7 Bookdrop
Circulation system

The Sapphire™ 24/7 Bookdrop is powered by a web-based software platform that enables remote monitoring, diagnostic evaluations, and servicing from any geographical location. This feature empowers library staff to troubleshoot issues and access system statistics in real-time, while also allowing system integrators to perform software upgrades, routine maintenance, and provide comprehensive service.

The lighted icon indicators will intuitively guide the user through the return process.

Step 1:	Scan your book after which the return shute will open.
Step 2:	Throw in the book after which the shute will automatically close.
Step 3:	The book will be accepted for return and automatically registered in the LMS.
Step 4:	The Bookdrop will return to the default position to accept a new returnal.

Features:
- 3D unique vandalism proof returning station
- intuitive returning process for easy use
- flexible, modular concept in timeless design
- SIP2 compatible
- allows 24/7 returning of materials

Specifications

Dimensions
- Front disc:	diameter 965mm
- Inside housing:	600mm x 602mm x 530mm (LxHxD)
- Cut-out:	620mm x 622mm x 550mm (LxHxD)

Material: Stainless steel.
Weight: 92 kg

Functions: Return point
Return materials: Books, Magazines, Media
Dimensions of items that can be sorted:
Maximum dimension:	360mm x 360mm x 65mm (length x width x thickness)
Minimum dimension:	100mm x 80mm x 	3mm (length x width x thickness)

PC OS: Windows 10 Embedded
PC: FEC BP-325, RAM 4GB, HDD 2,5"320GB SATA, USB, LAN, VGA connections
Software: pre-installed and pre-configured, supports LMS/ILS protocols on SIP2

EAS and AFI: supported
Datamodels: Danish (ISO 285603), Dutch, 3M numeric, 3M alphanumeric, Tagvision.
Certifications: CE/EMC

Power: 100~240V
Power cable: length 1,80 mtr.

RFID reader:
max. 1Watt, freq. 13,56Mhz., supports ISO 15693, ISO 180003 mode 1, ISO 28560
Communication cable: Standard UTP

Environmental: Temperature - 10C ~ +45C