# 2cqr

## RFID BOOK DROPBOX ADVANCED

### HDB - 2000

Dropbox is designed for libraries to accept book return even after library opening hours.

2CQR's HDB2000 features flap mechanism. Only authorized book can be returned. As the book is shown, based on the validity the flap operates.

## DETAILS:

- Drop box connects to the library's Ethernet network via an RJ45 connector and/or secured wireless network.

- The drop box is aesthetically designed and complied with internationally recognized standards for RFID based self-return system and having mechanism to disarm RFID tags.

- If there is fine on the book, library can stop the user from returning the book, with the help of flap mechanism

- Drop box will be able to accept all types of library's RFID tagged items.

- If the item does not belong to the library, Drop box will not accept the item.

- High Speed Thermal Slip Printer along with e−mail to the user upon return.

- Receiving Cart with springboard having good quality wheel for easy movement.

- Small Form Factor/ Industrial Branded PC with SSD/HDD.

- The Book Return Station will show returned books on the screen.

- 24 hours in operation.

- The Dropbox integrated with most of Library Management Software(LMS) through SIP2/NCIP.

## SPECIFICATIONS:

| Parameter | Technical Specs |
|---|---|
| Operating Frequency | 13.56 MHz |
| Power Supply | 180-230V Ac; 50 Hz |
| Power Consumption | 1.2W minimum, Maximum 30W |
| Transmitting Power | 1W minimum |
| Read Range | upto 35cm, drop one by one |
| Antenna | Internal and External |
| Communication Interface | USB/RS232/Ethernet / IP |
| Supported Transponders | ISO 15693 and ISO 18000:3 |
| Indicators | LED / Buzzer for read verification etc. |
| Operating Temperature | -10°C to +70°C |
| Housing Material | Metal, Acrylic |
| Weight | 300 Kg approximately |
| Packaging Material | Wood |
| Optional | UPS Online backup of Min 4 Hrs |

## SOFTWARE:

| | |
|---|---|
| Software OS | Windows 10 |

## MECHANICAL DIMENSIONS:

| Dimensions(mm) | |
|---|---|
| Dropbox | 1450 x 900 x 1350 |
| Bin | 540 x 600 x 630 |