FE Technologies

RFID Your Way

Smart Bin

The Smart Bin is a unique multiple-item return solution. A sophisticated algorithm solves the reading problem posed by the collision of multiple tags, allowing successful multiple returns. Items dropped into the bin are automatically checked-in, their sorting condition stored locally, and their security status is changed from off to on. A secondary check ensures 100% returns check-in, giving staff the confidence in the knowledge that an item is checked-in as soon as it falls into the bin, clearing off the customer's borrowed status instantly.

- The bin itself is operated by an automatic lift to reduce wear and tear on books; the design also reduces the bending and lifting required by staff.

- The Smart Bin is packaged with the FE Technologies Sort Assistant.

- When the item is subsequently placed on the Sort Assistant pad, the system advises the user what to do with the item (for example: shelve, on hold for a patron, return to another library, etc.).

Team up the FE Technologies Smart Bin with our other RFID returns products for a super efficient returns room.

Smart Bin   *Secure External Return Chute*   *Sort Assistant*

Technical Specifications

- Power point: The electronic bin requires a surge- and noise-free electrical power connection with a suitable isolator switch. Power entry is via an entry hole on the right or the left side of te bin.

- Power input: 240 V AC 50/60 Hz, 2.5 A max.

- Network connection: A network connection is required for the Smart Bin, which also uses a static IP address. The network cable connects to the bin on the same side as the power connection.

- The Sort Station requires a network, but does not need a static IP address.

- The total wire-run length of network cable must not exceed the 100m maximum imposed by the Ethernet standard.

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We'd love to discuss library RFID and its benefits with you and your team. We can gladly set up a demonstration of our products at your premises, arrange a tour of our site, or a visit to one of our up and running RFID libraries.

Give us a call: **1 300 731 991**
Send us an email: **enquiries@fetechgroup.com**
Or visit our website: **www.fetechgroup.com**