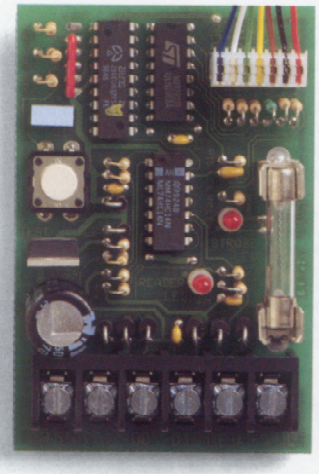
READER INTERFACE MODULE

A Reader Interface Module (RIM) is necessary to convert the reader data into a format the SYSTEM 4 can understand. The RIM powers the card reader and converts the output into a BCD data format.

RIMs have two LEDs and a test button to help provide feedback to the installer during installation. The Strobe LED flashes continuously verifying correct wiring between the SYSTEM 4 and RIM. The Reader LED flashes when data is received from the reader. The button is used to send a test code to the System.

A RIM is needed when using Bar Code, Magnetic Stripe, Proximity and Wiegand card technologies. Its miniature design allows it to be installed inside the SYSTEM 4 cabinet. Each door requires the use of a separate RIM. Note: If multiple doors are connected to one RIM these doors will act and report as a single door.



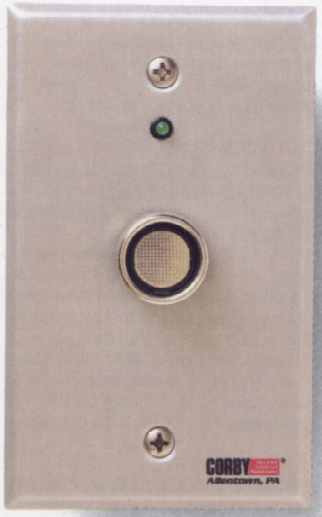
Actual Size (3.5" X 2.25")

Model 4141
Reader Interface Module

DATA CHIPS

Corby Data Chips contain sophisticated electronics to store a personal identification number in a coin shaped, sealed, stainless steel canister. This 46 bit data stream is laser engraved, unalterable and impossible to duplicate. The Data Chip easily attaches to any smooth surface including existing photo ID cards, badges, or keychains. Innovative packaging protects the electronic circuits inside the canister from dirt, moisture, corrosion and static discharge. A Data Chip Adapter is required for each reader.

Touching a Data Chip to the reader instantly transfers a 46 bit stream of digital data that allows the user access to a secured area. Unlike keys or other security cards, the Data Chip is user-forgiving... it doesn't need to be precisely aligned to transfer its digital data.



Model 4302
Data Chip Reader

Model 4320

Model 4321 (Actual Size)

DATA CHIP ADAPTER

The Data Chip Adapter is similar to a RIM. It must be used to decipher the information received from the Data Chip Reader. This module detects the presence of a Data Chip at the reader and continuously reads the chip while it is touching the reader. All electronics necessary to read the Data Chip and operate the test LED are contained on the adapter module. Its miniature design allows it to be installed inside the SYSTEM 4 cabinet.

OPTIONAL COMMUNICATIONS

An RS232 module can be added to the SYSTEM 4. It simply plugs on the existing circuit board and supports one channel of Full Duplex communications for a Video Display Terminal (VDT) or modem for fast programming on or off site, and one channel of data output only, for the printer.

If using "dial-up" phone lines to access the System, modems are required at the SYSTEM 4 location and the programming location. Corby approved modems are highly recommended for remote programming and reporting. Check with Corby tech services to be sure the modem you wish to use is on our approved list.

When accessing the System from a remote location you may add or delete users, change codes, invalidate cards, set access levels and time zones, program holiday dates and set relay functions. In addition to all the programming functions, doors can be automatically unlocked off-site.

MODULAR EXPANSION

An important feature of the SYSTEM 4 is its ability to grow... without having to tear anything off the wall or rewire the original System. It can be expanded to eight doors with the addition of a Slave Control Unit (Corby Model 4009). If an alphanumeric display is desired, the System can be upgraded to a SYSTEM 5 at anytime.

In addition to the ability to program user names, the SYSTEM 5 supports 750 users and is shipped RS232 ready. If future expansion requires more doors, either the SYSTEM 4 or the SYSTEM 5 can be easily upgraded to a SYSTEM 10, which can grow, in four door increments, to a maximum of 128 doors and support thousands of users.

SYSTEM COMPARISON

Corby SYSTEM 4 and SYSTEM 5 Access Control Systems are very similar to each other. Below is a side-by-side comparison of these two products.

SYSTEM 4	SYSTEM 5
Supports 500 users	Supports 750 users
25 event buffer	250 event buffer
User ID by number	User ID by name
Door ID by number	Door ID by name
Program via keypad	Program via VDT
Program on-site	Program on/off site
Reporting on-site	Reporting on/off site
Optional RS232	RS232 ready

A 2000 user version of the SYSTEM 4 (Corby Model 4070) is also available which is RS232 ready and buffers 250 events.

All Systems include the following features:

Controls up to 4 doors
Five programmable relays
Expandable to 8 doors and 4 zones
Supports keypads, cards, data chips
Easily upgrades to a SYSTEM 10
8 time schedule with 64 zones
16 programmable holidays
80 column serial printer