CORBY SYSTEM 2000

CORBY NOW DOES WINDOWS!

SYSTEM FEATURES

Microsoft Windows® 95/98 Compatible Software

- Controls Up to 62 Doors - Upgradeable to 248 Doors*
- Remotely Control Doors Via Telephone Modem
- Multi-Level Security Allows Customer to Limit Access to Software
- Backup and Restore Entire Network from Single Location
- Generate Reports with a Click of the Mouse
- Utilizes Standard RS-232 Serial Communications

Hardware Based on Proven Corby System 2 Architecture

- EPROM Upgrade Available for Current System 2 Customers!
- Panels Designed to Operate with or without Computer
- Daisy-Chain Up to 31 Panels on Each RS-485 Channel
- 4000+ Users per Panel (Expandable to Over 7,000 Users per Panel)
- Supports Corby Keypad and Various Card Reader Technologies
    - 3 to 9 Digit Keypad Codes
    - Datachip Technology
    - Standard 26-Bit Wiegand Devices
    - Corby Wiegand Swipe and Proximity
    - Magnetic Stripe (ABA Track II) and Barcode (Code 39)
- 2 Form C (5 Amp) Relays for Door Control
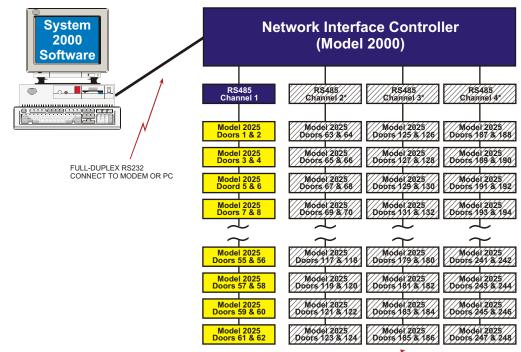- 2 Form A (5 Amp) Relays Plus 2 Voltage Outputs for Auxiliary Control

*248 Door Upgrade requires special training - Contact your Corby representative for information.

Specifications

SYSTEM 2000 ARCHITECTURE

System 2000 Software

Network Interface Controller (Model 2000)

RS485 Channel 1	RS485 Channel 2*	RS485 Channel 3*	RS485 Channel 4*
Model 2025 Doors 1 & 2	Model 2025 Doors 63 & 64	Model 2025 Doors 125 & 126	Model 2025 Doors 187 & 188
Model 2025 Doors 3 & 4	Model 2025 Doors 65 & 66	Model 2025 Doors 127 & 128	Model 2025 Doors 189 & 190
Model 2025 Doord 5 & 6	Model 2025 Doors 67 & 68	Model 2025 Doors 129 & 130	Model 2025 Doors 191 & 192
Model 2025 Doors 7 & 8	Model 2025 Doors 69 & 70	Model 2025 Doors 131 & 132	Model 2025 Doors 193 & 194
Model 2025 Doors 55 & 56	Model 2025 Doors 117 & 118	Model 2025 Doors 179 & 180	Model 2025 Doors 241 & 242
Model 2025 Doors 57 & 58	Model 2025 Doors 119 & 120	Model 2025 Doors 181 & 182	Model 2025 Doors 243 & 244
Model 2025 Doors 59 & 60	Model 2025 Doors 121 & 122	Model 2025 Doors 183 & 184	Model 2025 Doors 245 & 246
Model 2025 Doors 61 & 62	Model 2025 Doors 123 & 124	Model 2025 Doors 185 & 186	Model 2025 Doors 247 & 248

FULL-DUPLEX RS232 CONNECT TO MODEM OR PC

* THE USE OF CHANNELS 2, 3 & 4 REQUIRES SPECIAL TRAINING
CONTACT YOUR CORBY REPRESENTATIVE FOR INFORMATION

SYSTEM 2000 MODEL NUMBERS

Model 2000 - Application Software and Network Interface Controller
Model 2025 - System 2000 Two-Door Panel
Model 2027 - EPROM Upgrade for Existing System 2 Panel
Model 2017 - Datachip Wand and Serial Adapter

ARCHITECTURAL SPECIFICATIONS

The access control system will be a Corby System 2000 or approved equal. The system requires a personal computer (PC) running a Windows®-based operating system. The system will consist of application software, a network controller and one or more access control panels capable of controlling two doors each.

The network controller will be a Corby Model 2000 or approved equal. The controller will be housed in a metal cabinet measuring 12" x 9" x 4.5", which will have a locking, hinged door to prevent unauthorized access to the wiring. The controller will provide an RS-232 interface for system programming through a PC using Windows-based software. The controller will provide one to four RS-485 channels, each providing a two-wire interface for connections in a network. A maximum of 31 panels per RS-485 channel will be networkable to provide control for 62 doors.

The access control panel(s) will be a Corby Model 2025 or approved equal. The panel will be housed in a metal cabinet measuring 15.5" x 11" x 4.5", which will have a locking, hinged door to prevent unauthorized access to the wiring. Memory allocation for users, event storage and mode of operation will be adjustable. Each panel will provide built-in charging for a lead acid battery to support full system operation upon loss of main AC power and will contain a lithium battery for backup of system data upon loss of main AC power and main battery backup. Each panel will contain two direct wire inputs for each of the following: Keypad, Wiegand (including swipe, insert and proximity), barcode, magnetic stripe and datachip readers, Door Ajar/Forced Entry, Request-To-Exit and Zone. An input will be provided for an emergency drop of the main door relays. The panel will accept BCD encoded keypad codes, 26 bit standard Wiegand codes, proprietary Corby 30 bit Wiegand codes, Code-39 bar codes, ABA Track II magnetic stripe codes and Dallas Datachip codes. Each panel will provide 5 VDC @ 125 mA and 12 VDC @ 250 mA for card readers. Resettable fuses will provide protection for 5 and 12 VDC outputs, AC power and rechargeable battery. Each panel will contain two of the following outputs: Door relay consisting of Form A and Form C contacts rated 5A @ 30 VDC and Red and Green LED indicator rated 50 mA. Each panel will also provide additional outputs for signaling, shunt and schedule control, including: Two form C relays rated 5A @ 30 VDC and two voltage outputs rated 50 mA.