



E5 Access Control System

Part 1 GENERAL

1.1 SECTION INCLUDES

A. Overview:

Choice of Prox Card, Fingerprint or Keypad Entry
Standalone or PC Managed
Network up to 99 Readers

B. Features:

- HID Compatible Proximity reader
- Up to 4" read range
- 3000 cardholders
- Network configuration up to 99 devices
- Anti-pass back
- Access mode
- 6 time zones
- 12 month programmable holiday schedule
- Password required time zone
- Guard Patrol Function
- Door prop open alarm
- Forced entry alarm
- Access mode selectable
 1. Proximity card only
 2. Proximity card + PIN
 3. Key-in card number only
- Communication interface: RS323 or RS485
- Can be used as stand-alone device without personal computer connected
- Use of password is time zone programmable if card data with password access selected
- Two types alarm status available
 1. Force entry
 2. Door prop open alarm
- Power saver function. The LED backlight turns itself off after 3 minutes
- Lock relay activation time, alarm function, anti-duress and door prop open alarm are individually programmable from 1 to 255 seconds
- Communication baud rate can be programmed via keypad

- Memory Buffer – 3500 transactions
 1. Invalid Card
 2. Restricted time
 3. Time zone unmatched
 4. Code unmatched

C. Additional Operating Features:

- Single Door System with 1 or 2 Touchpads and 1 Controller
- Battery Backup: IDC 600 series power supplies provide power for both the locking device and Entry Check™. Battery back-up capability is standard to ensure continued operation during a power failure. Use with KP-3U and KP-4U Series touchpads
- Voltage Output: (NOTE: A relay is required for the following applications)
 1. CCTV/External Light Activation – 1st key press triggers a 10 second output
 2. Doorbell – Press the (#) button to trigger momentary 1 second output

D. Specifications: **(Model E5P)**

- Card Capacity 3000 card holder
- Memory Buffer 3500 transactions
- E5P Reader Module HID compatible proximity reader 125KHz
- E5P Reader Range Card – Up to 4” 125KHz
Key Fob – Up to 2”, 125KHz
Based on HID™HID ProxCrad® II & ProxKey® II in noise free environment
- Display 16 characters x2 lines LCD backlight
- Battery Capacity Timer IC and data maintained up to 2 months after power failure
- Keypad 12 Key (0-9, X, #)
- Indicator 2-color LED (green/red)
- Comm. Interface RS485, TCP/IP
- Case Material ABS (UL 94V-0)
- Dimensions 4.375”W x 6”H x 1.75”D (110 x 150 x 45mm)
- Weight 14 ounces (380 grams)
- Working Voltage DC 10-15 volts
- Power Consumption 300mA Max @ 12VDC
- Operating Temp. 32°F - 122°F (0°C - 50°C)
- Humidity 5%-95% (Non-Condensing)
- Approved IEC 529 IP34

NOTE: See Catalog page for Standalone and Network Configurations

1.2 SUBMITTALS

- A. Product Data: Manufacturer’s data sheets on each product to be used, including:
 1. Preparation instructions and recommendations
 2. Storage and handling requirements and recommendations
 3. Installation methods
- B. Shop Drawing: Manufacturer’s approved drawings detail the application
- C. Section Samples: Samples are available depicting the finish types
- D. Verification Samples: For the finish product specified, two full size samples representing the actual product, color and size

1.3 QUALITY ASSURANCE

- A. Manufacturer Qualifications: IDC E5 Access Control System will be provided by a single manufacturer with over 30 years of experience in door closers

1.4 DELIVERY, STORAGE AND HANDLING

- A. Store products in manufacturer's unopened packing until ready for installation
- B. No harsh chemicals are used during this process, so no special handling or disposal is required

1.5 PROJECT CONDITIONS

Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by the manufacturer for optimum results. Do not install this product if environmental conditions are outside the manufacturer's limits.

1.6 WARRANTY

After project completion, the owner or owner's representative will receive a copy of the Manufacturer's Limited Warranty against manufacturing defects. The duration of this warranty is 5 years.

PART 2 PRODUCTS

2.1 MANUFACTURER

International Door Closers, Inc (Manufacturers' Rep):

1140 N Kraemer Pl, Anaheim, CA 92806 (800) 544-4422
1920 Air Lane Dr, Nashville, TN 37210 (800) 225-6737

PART 3 EXECUTIONS

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared
- B. If the substrate is the responsibility of another installer, notify the Architect of any unsatisfactory preparation before proceeding

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions

3.4 PROTECTION

- A. Protect installed products until completion of project
- B. Repair or replace any damaged products before substantial completion

END OF SECTION