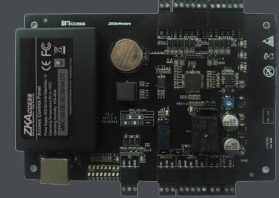# entry™

# C3-series
## IP-Based Access Control Panel

C3-400

C3-200          C3-100

# State of the art 1, 2 and 4 door panels...
# web-based management software

### Choice of Readers:
Full range of card readers supported. ZK KR-Series readers are stylish and waterproof. C3 supports any wiegand-output reader, including HID Prox, iClass, and XceedID Multi-Technology.

### Communication:
C3 controllers install easily on your network and support both TCP/IP and RS-485 communication. Auto-discovery tool allows setting and modication of network parameters directly and easily.

### Lowest Total Cost of Ownership:
C3 controller firmware can be upgraded in the field. New controller features can be loaded without any advanced tools, extending and expanding the value of your investment.

### Capacity:
10,000 events and transactions. Controller is backed up in real-time in on-board optional SD card. Data is preserved if power is lost. Controller continues to operate if network connection is interrupted.

### Door Control and More:
Along with relay contacts for controlling door locks, easily programmable auxilary relays can be used for additional control and interface to lights, alarms, annunciators, intrusion detection panels, or even extra locking devices or gate controllers.

### Options:
C3 controllers come in three sizes to suit project needs and reduce the cost of unused capacity. 1-door, 2-door, and 4-door models can be mixed and matched in an optimized system architecture.
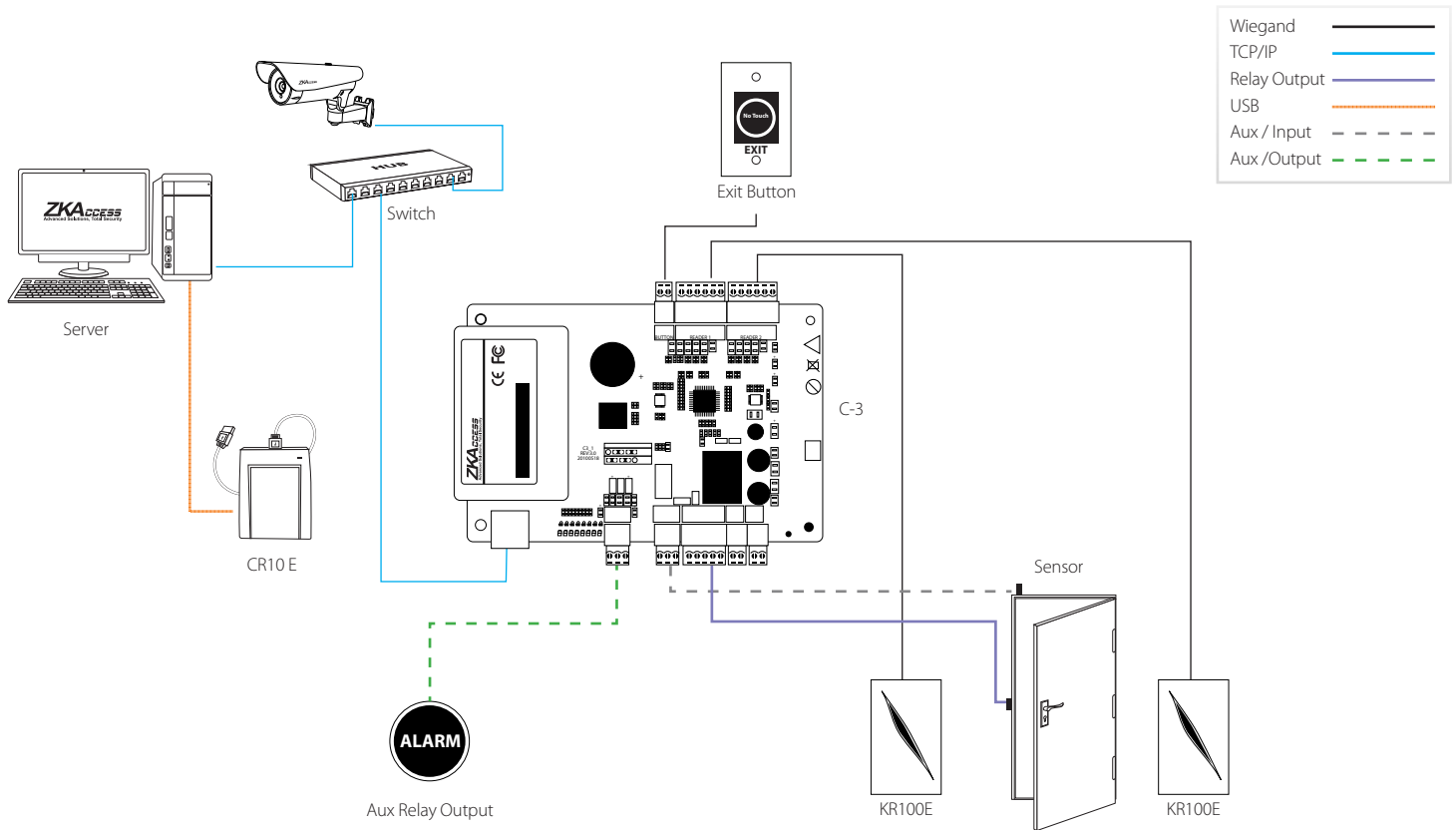
### Advanced Access Control Built-In:
Anti-Passback, First-Card Opening, Multi-Card Opening, Duress Password Entry, and Auxilary Input/Output Linkages are built into controller firmware.

### For Software Developers:
Free SDK is available for integrators and OEM's to integrate the C3 controllers with their or existing security or personnel management applications. Upon request, ZK can also customize C3 firmware to meet any custom requirements.

# Typical Installation



| | |
|---|---|
| Wiegand | ——————— |
| TCP/IP | ——————— |
| Relay Output | ——————— |
| USB | ·············· |
| Aux / Input | – – – – – |
| Aux /Output | – – – – – |

Server

Switch

CR10 E

Exit Button

C-3

ALARM

Aux Relay Output

Sensor

KR100E

KR100E

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# Specifications

## Capacity
**Users:** 30,000
**Event Buffer:** 100,000 transactions

## Input Relays
3Form-C Relays- SPDT 5A@36VDC or 8A@30VAC

## Communication
RS485, Ethernet

## Baud Rate for RS485
9600-38400 baud

## LED Indicator
Indication for communication, power, status and prox card

## Power
**Power Supply:** 12V DC, 2A

## Environment
**Operating Temp:** 32-113 °F (0-45 °C)
**Operating Humidity**: 20% to 80%

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# Accessories



| KR102-E | KR100-E | KR101-E | KR500-E | CR10-E | K1-1 | Prox Card | Proxy Key Fob |
|---|---|---|---|---|---|---|---|
| Fingerprint Reader | Single Gang Prox Card/Fob Reader | Mullion Mount Prox Card/Fob Reader | Mullion Mount Prox Card/Fob Reader | Prox Card/Fob Enrollement Reader | No Touch Exit Button | | |

# C3-Series Bundle

1    C3-Control Panel

1    Metal Case

1    DC12V/3A Power Supply,

1    FR107 Diode for Lock

2    Keys  for Metal Case

1    User Manual

| | C3-100 | C3-200 | C3-400 |
|---|---|---|---|
| Number of doors controlled | One door | Two Door | Four Door |
| Number of readers supported | 2 | 4 | 4 |
| Types of readers supported | 26-bit Wiegand, others upon request | 26-bit Wiegand, others upon request | 26-bit Wiegand, others upon request |
| Number of Inputs | 2 (Exit Device and Door Status, AUX) | 6 (2 Exit Device, 2 Door Status, 2 AUX) | 12 (4 Exit Device, 4 Door Status, 4 AUX) |
| Number of Outputs | 2 (One Form C relay for lock and one Form C relay for Aux output) | 4 (2- Form C relay for lock and 2- Form C relay for Aux output) | 8 (4- Form C relay for lock and 4- Form C relay for Aux output) |
| Card Holders Capacity | 30,000 | 30,000 | 30,000 |
| Log Events Capacity | 100,000 | 100,000 | 100,000 |
| Weight | 7.4lbs (3.35kg) | 7.5lbs (3.4kg) | 7.8lbs (3.55kg) |
| Communication | TCP/IP and RS-485 | TCP/IP and RS-485 | TCP/IP and RS-485 |
| Enclosure | Powder Coated Aluminium | Powder Coated Aluminium | Powder Coated Aluminium |
| Mounting | Wall Mount | Wall Mount | Wall Mount |
| Recommended Power Supply | 12V DC, 1.5A | 12V DC, 1.5A | 12V DC, 1.5A |
| Dimensions (Bundle Only) | 13.625in.(W) X 11.75in.(H) X 3.5in. (D) 330.2 mm X 298.4 mmX 89 mm | 13.625in.(W) X 11.75in.(H) X 3.5in. (D) 330.2 mm X 298.4 mmX 89 mm | 13.625in.(W) X 11.75in.(H) X 3.5in. (D) 330.2 mm X 298.4 mmX 89 mm |
| Dimensions ( Board Only) | 6.3in. X 4.17in. (160mm X 106mm) | 6.3in. X 4.17in. (160mm X 106mm) | 8in. X 4.17in. (2.3.2mm X 106mm) |