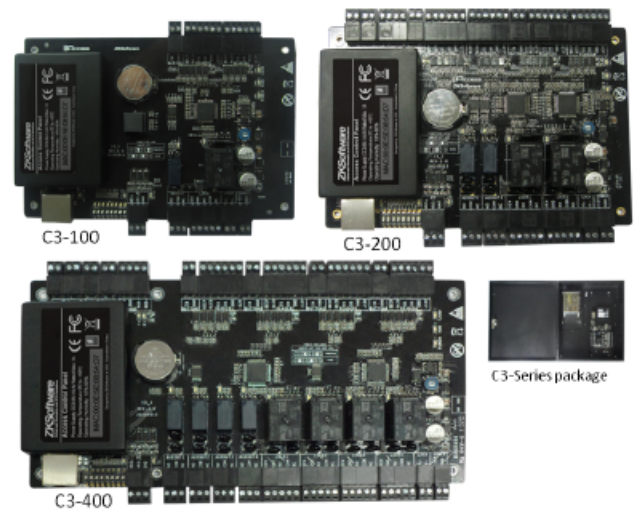




C3-100/200/400

Introduction

ZKSoftware's C3-100/200/400 Access Systems are built on flexible, open technology to provide management, real-time monitoring and control of your access control system – all from a browser with no additional software to install. Secure web-hosted infrastructure and centralized online administration reduce your IT costs and allow you to easily manage all of your access points in a single location. These versatile design features take care of present and future needs with ease and efficiency, and the systems are some of the most rugged and reliable controllers on the market, with a multitude of built-in features. The C3-400 and InBio-460 can communicate at 38.4 Kbps via RS-485 configuration or TCP/IP networks. Both can store up to 30,000 cardholders, and the InBio-460 can additionally store up to 3,000 fingerprint templates. SDK(Software Development Kit) is available for the customer to integrate the controller into existing access control software or to develop new software.



Features

- ✓ Real Biometric identification inside (only C3-460)
- ✓ SD Card data backup. (User can make backup to SD Card).
- ✓ Multiple hardware protection measure.
- ✓ Integration with other security systems (CCTV, Fire Alarm, BAS).
- ✓ Supports different wiegand readers (EM, Mifare and Hid).
- ✓ In/Out ports to control doors connecting door sensor, alarms, electric doors, and push buttons.
- ✓ Real time monitoring of doors status.
- ✓ Interlock function (link different doors with special logic, if one door is opened the other three are closed).
- ✓ Multi-card operation, anti-passback and duress mode.
- ✓ SDK available



Specifications

Capacity

Card Capacity	30.000
Event Buffer	100.000

Hardware

CPU	32bit MIPS CPU
RAM	32M Bits
Flash Memory	256M Bits

Display

LED Indicator	for communication, power, status and punch card
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Environment

Oper. Temp	0°-55°C
Oper. Humidity	10%-80%

Power

Power	DC 9.6V-14.4V, Rated Max.1A
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Dimension

C3-400	218(W)*106(H)(single board)
C3-200	160(W)*106(H)(single board)
C3-100	145(W)*106(H)(single board)
with power supply and metal box	345(W)*275(H)*70(D)

Communication

Comm. Port	Ethernet, RS485
Wiegand Reader Port	4ea (26bit Wiegand, 8bit Burst for PIN)
Input Port C3-400	12ea (Exit Button#1, Door Sensor#1; Exit Button#2, Door Sensor#2; Exit Button#3, Door Sensor#3; Exit Button#4, Door Sensor#4, Aux1, Aux2, Aux3, Aux4)
Output Port C3-400	4ea (4 FORM-C Relay Output, SPDT 5A@36VDC/8A@30VAC) 4ea (4 Aux FORM-C Relay Output, SPDT 2A@30VDC)
Input Port C3-200	6ea (Exit Button#1, Exit Button#2, Door Sensor#1, Door Sensor#2, Aux#1, Aux#2)
Output Port C3-200	2ea (2 FORM-C Relay Output, SPDT5A@36VDC/8A@30VAC) 2ea (2 Aux FORM-C Relay Output, SPDT 2A@30VDC)
Input Port C3-100	2ea (Exit Button#1, Door Sensor#1)
Output Port C3-100	1ea (1 FORM-C Relay Output, SPDT 5A@36VDC/8A@30VAC) 1ea (1 Aux FORM-C Relay Output, SPDT 2A@30VDC)
Baud Rate	38,400bps (Recommended) 9600bps, 19,200bps, 57,600bps (Selectable)
Certification	CE, FCC, RoHS

Connectivity diagram

