

ZKTeco[®]

Security Anytime Anywhere.



inBIO460 Makes Your Life Safer

ZK Technology is a leading security and time management solution provider.

ZKTeco, a premium brand of ZK Technology for time attendance, physical access control and IP cameras, represent the most advanced and state of the art solutions for attendance, access control, visitor management, car parking, elevator control, vehicle access and alarm, camera linkage control, etc.

inBIO is the most advanced access control panel which can provide biometric security for any door when connected with biometric readers and the software. These panels are versatile and can connect both FR series of fingerprint readers and KR series of RFID readers. These readers can be connected with RS485 or Wiegand connectivity to the panels. With the help of ZK Access software the user will get the flexibility and scalability to program the access control system. The software is web based and hence can be accessed from any computer with the help of a web browser.

Features



► Flexibility to apply different readers
The controller can connect FR series inBIO reader by RS485 to achieve biometric identification. There are also weigand inputs for the traditional RFID reader, for example ID reader, mifare reader and HID prox reader etc.



► External SD card support
inBIO460 can store 100,000 transactions in its internal memory. However for special projects or applications which require more storage capacity, a SD card can be added to inBIO460 for storage of data. It also helps in backing up the data from the controller.



► Dual Communication Mode
inBIO460 supports dual communication modes, i.e. TCP/IP mode and RS485 mode. TCP/IP communication offers unparalleled speed and reliability. With RS 485 you can extend the cable length between the reader and panel up to 1km.



► Truly Internal Biometric Identification
inBIO460 panel carries out the matching of fingerprints on the panels. The fingerprint templates from the reader are transmitted to the panel and the panel will match the placed finger with the template stored in the database. With the powerful version 10 algorithm, the fingerprint matching is extremely fast and accurate.



► Salient Access Control Functions
Interlock, Anti-Pass Back, First Card Opening, Multi-Card Opening, Duress Password and Fingerprint, Remote Monitoring, Real-Time Monitoring and E-map Linkage. All of these functions are compatible with the third party accessories like exit switches, PIR detectors, card readers, alarms and RTE hardware.



► LED Indicators
Five LED indicators inside the housing of inBIO panels are used to indicate power, steady functioning of the panel, valid identification and data transfer from readers to inBIO.

Specifications:

Model	inBIO460
CPU	32bit MIPS CPU
RAM	32M bits
Flash Memory	128M bits
Fingerprint Capacity	3000
Card Capacity	30,000
Event Buffer	100,000
Power/Current	DC 9.6V-14.4V, Rated Max0.5A
Wiegand Reader Port	4nos. (26/34bit Wiegand, 4/8bit Burst for PIN)
RS485 Reader Port	1no. Extended RS485 Port
Communication	RS485, TCP/IP
Baud Rate	38,400bps(Recommended)/9600bps, 19,200bps, 57,600bps (selectable)
Input Port	12nos. (Exit Button#1, Door Sensor#1; Exit Button#2, Door Sensor#2; Exit Button#3, Door Sensor#3; Exit Button#4, Door Sensor#4, 4 Aux input)
Output Port	4nos. (4 FORM-C Relay Output, SPDT 5A@36VDC/8A@30VAC) 4nos. (4 Aux FORM-C Relay Output, SPDT 2A@30VDC)
LED Indicator	LED indication for communication, power, status and valid card read
Operating Temperature	0°C - 55°C
Operating Humidity	10% to 80% relative humidity non-condensing
Dimension (H*W*D)mm	226*106*36 (single board) 400*330*90.5 (with power supply and metal cabinet)
Software	ZKAccess 5.0

Optional Accessories:



FR1200



ZK4000



RFID Reader



K1-1



Power Supply



SD Card



Electric Lock

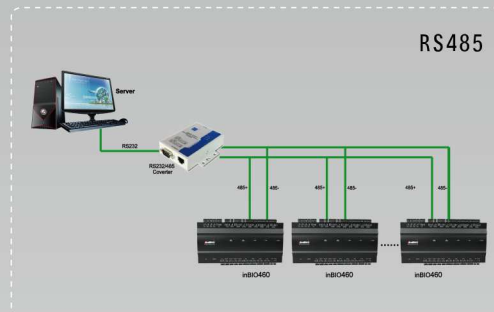
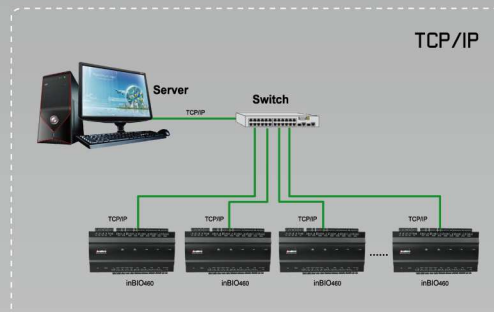
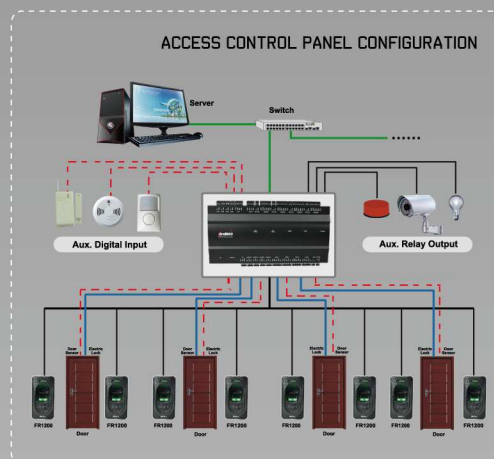


RS232/485
Converter



Alarm

Configuration:



ZKTechnology Inc.

ZK Mansion, Wuhe Rd, Gangtou, Bantian, Buji Town, Longgang District, Shenzhen China 518129
Tel: 86-755-8960 2345/46/47/48
Fax: 86-755-8960 2675
www.zksoftware.com



Copyright ©2011, ZK Technology, Inc. All rights reserved.
ZK Technology may, at any time and without notice, make changes or improvements to the products and services offered and/or cease producing or commercializing them.