

inBio-460

# inBio-series

IP-Based Biometric  
Access Control Panel



inBio-260



inBio-160

## Advanced access control panels... with built in biometric fingerprint matching



### Truly Internal Biometric Identification:

InBio carries out the matching of fingerprints on the panels. The FR Series of readers transmit fingerprint templates to InBio via RS-485 for fast and accurate matching with templates stored in database. Wiegand inputs are also provided for traditional RFID readers.



### Communication:

InBio controllers install easily on your network and support both TCP/IP and RS-485 communication. Auto-discovery tool allows setting and modification of network parameters.



### Lowest Total Cost of Ownership:

InBio 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:

Stores up to 3,000 fingerprint templates, 30,000 card users, and up to 100,000 events and transactions. Logs are backed up in real-time in on-board SD card. Data is preserved if power is lost. InBio continues to operate if network connection is interrupted.



### Door Control and More:

Along with relay contacts for controlling door locks, easily programmable auxiliary 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:

InBio 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:

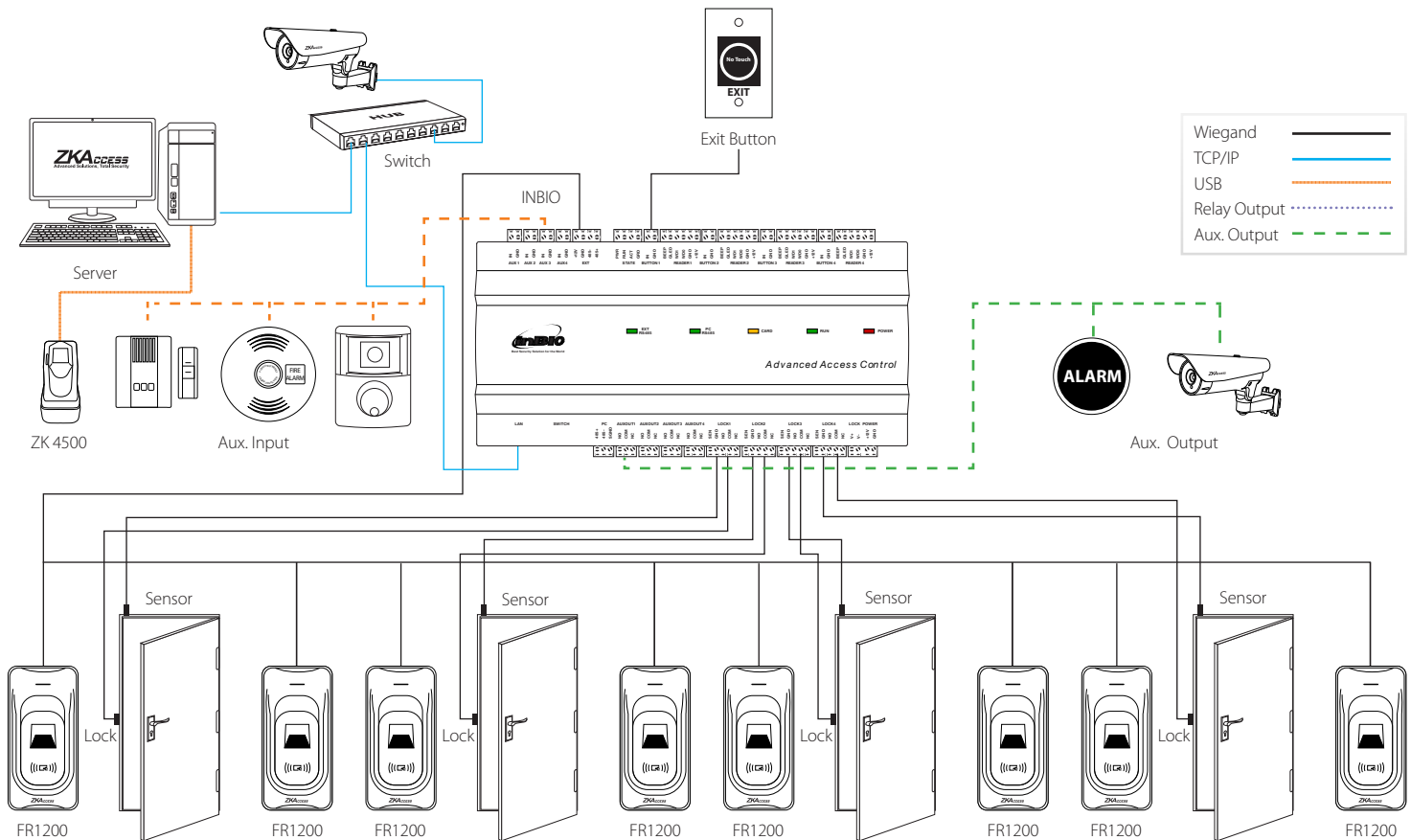
Anti-Passback, First-Card Opening, Multi-Card Opening, Duress Password Entry, and Auxiliary Input/Output Linkages are built into controller firmware.



### For Software Developers:

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

## Typical Installation



## Specifications

### Capacity

**Users:** 30,000

**Event Buffer:** 100,000 transactions

### Input Relays

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

### Communication

RS485, Ethernet

### Baud Rate for RS485

9600-38400

### 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%

## Accessories



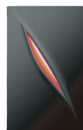
**FR1200**  
Fingerprint  
Reader



**ZK4500**  
Fingerprint  
Enrolment Reader



**KR100-E**  
Single Gang  
Prox Card/Fob  
Reader



**KR101-E**  
Mullion Mount  
Prox Card/Fob  
Reader



**CR10-E**  
Prox Card/Fob  
Enrolment Reader



**K1-1**  
No Touch  
Exit Button



**Prox Card**



**Proxy Key Fob**



## inBio-Series Bundle

- 1 inBio-Control Panel
- 1 Metal Case
- 1 DC12V/3A Power Supply,
- 1 FR107 Diode for Lock
- 2 Keys for Metal Case
- 1 User Manual

	inBio-160	inBio-260	inBio-460
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	Stainless Steel	Stainless Steel	Stainless Steel
Mounting	Wall Mount	Wall Mount	Wall Mount
Recommended Power Supply	12V DC, 3A	12V DC, 3A	12V DC, 3A
Dimensions (Bundle Only)	15in. X 3.15in. X 11in. 380mm(L) X 80mm(W) X 280mm(H)	15in. X 3.15in. X 11in. 380mm(L) X 80mm(W) X 280mm(H)	15in. X 3.15in. X 11in. 380mm(L) X 80mm(W) X 280mm(H)
Dimensions ( Board Only)	7.5in. X 5.5in. X 1.5in. 190mm(L) X 140mm(W) X 38mm(H)	7.5in. X 5.5in. X 1.5in. 190mm(L) X 140mm(W) X 38mm(H)	7.5in. X 5.5in. X 1.5in. 190mm(L) X 140mm(W) X 38mm(H)



Design and Specifications subject to change without notice

### ZK USA office:

201 Circle Drive North, Suite 116  
Piscataway, NJ 08854, USA  
Tel: +1 732-412-6007  
Fax +1 732-412-6008

sales@zkaccess.com  
zkaccess.com