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 Identication:
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 modication 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. Controller continues to operate if network conection 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:
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.
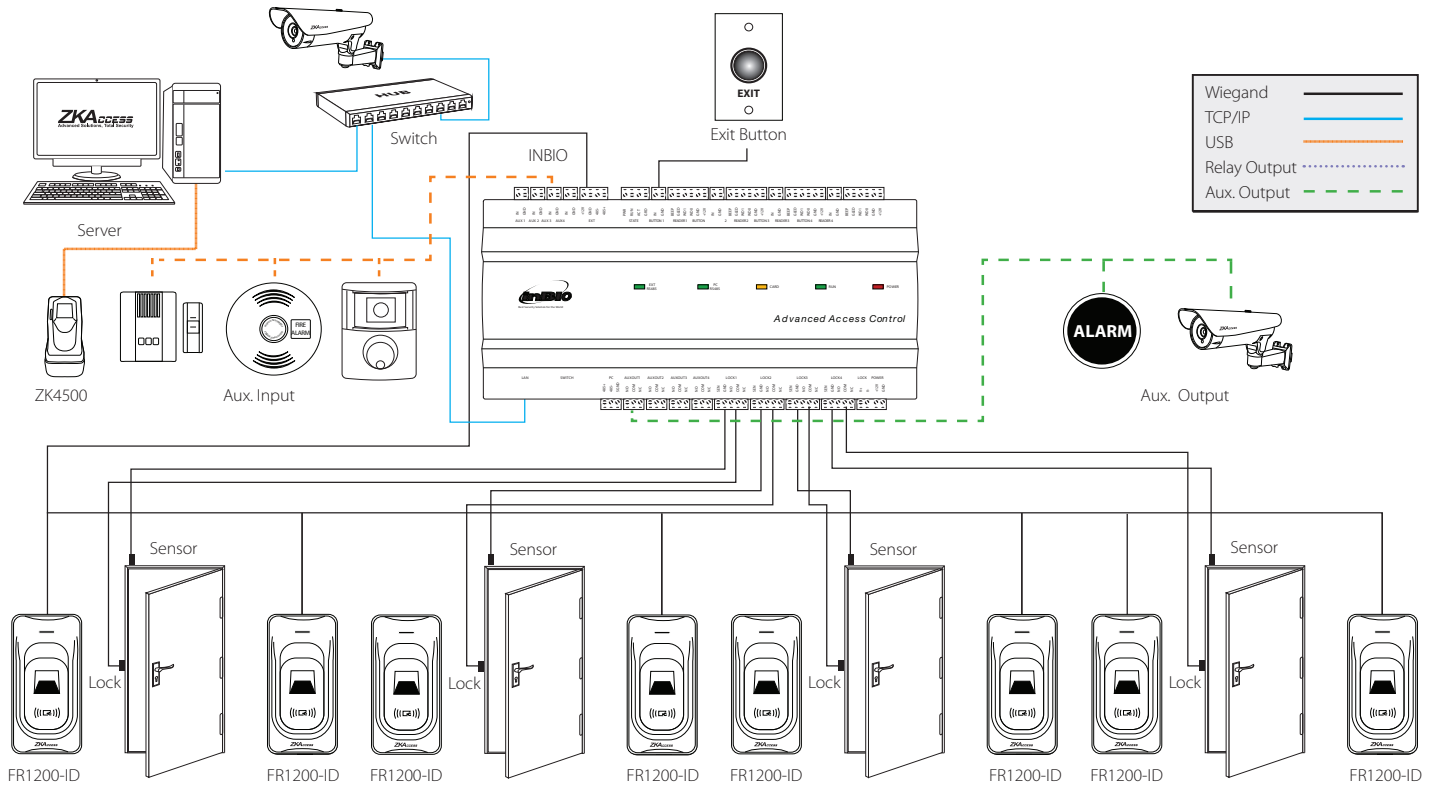
### Advanced Access Control Built-In:
Anti-Passback, First-Card Opening, Multi-Card Opening, Duress Password Entry, and Auxilary Input/Output Linkages are built into controller firmware.

### 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



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

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## Specifications

### Capacity
Users: 30,000
Event Buffer: 100,000 transactions
Fingerprint: 3000

### 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, 3A

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

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## Optional Accessories



| FR1200-ID | ZK4500 | KR503E | KR500E | CR10E | PTE-1 | Prox Card | Prox Key Fob |

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## ZKTeco USA

CE  FC  RoHS

# 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) |
| Fingerprint Capacity | 3000 | 3000 | 3000 |
| Card Holders Capacity | 30,000 | 30,000 | 30,000 |
| Log Events Capacity | 100,000 | 100,000 | 100,000 |
| Weight | 9 lbs (4.1 kg) | 10 lbs (4.5 kg) | 10 lbs (4.5 kg) |
| 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) | 9in. X 5.5in. X 1.5in. 229mm(L) X 140mm(W) X 38mm(H) |

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