



inBIO160/260/460

IP-based Biometric Door Access Control Panel



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 RS485 for fast and accurate matching with templates stored in the database. Wiegand inputs are also provided for traditional RFID readers.



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, intrusion detection panels, or even extra locking devices or gate controllers.



Communication:

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



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.



Capacity:

Supports up to 3000 fingerprint templates, 30,000 badge users and stores up to 100,000 events and transactions. Data is preserved if power is lost. Controller continues to operate if network connection is interrupted.



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.



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.



For Software developers:

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

● Optional Accessories



FR1200



ZK4000



CR10E/M



RFID Reader



Exit Button



Power Supply



Electric Lock



RS232/485
Converter



Alarm



Sensor

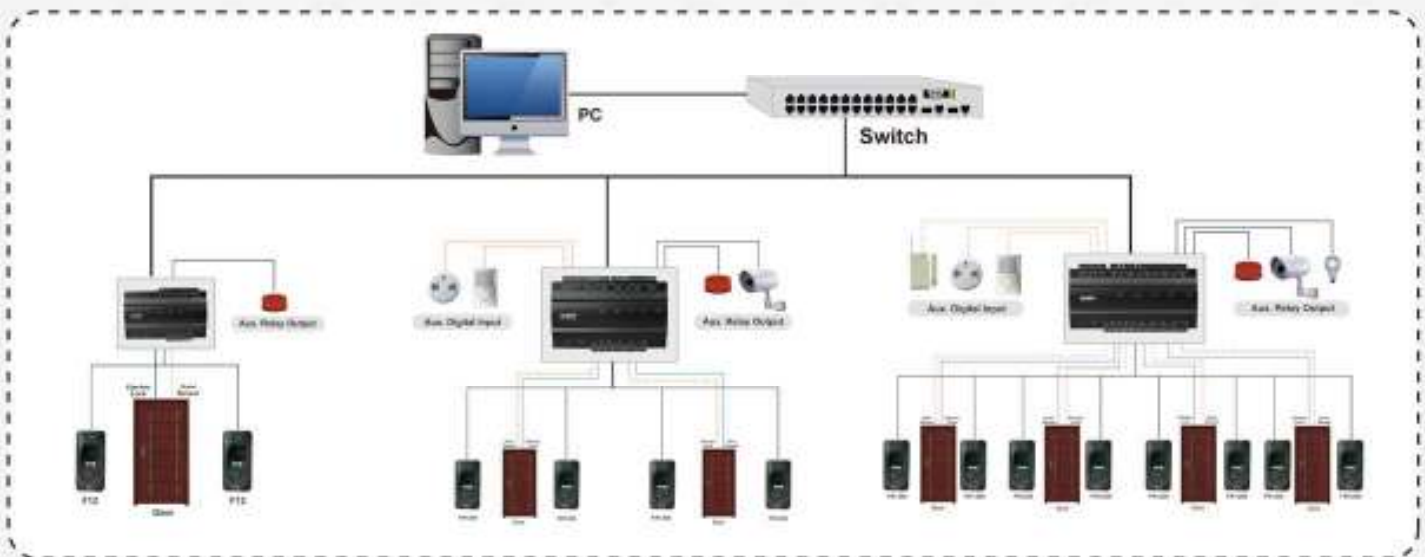



Prox Card



Key Fob

● Typical installation



	Item	Description	Quantity
inBIO160/260/460 Package B 	inBIO160/260/460	Control panel	1 ea
	Case01	Metal case	1 ea
	TPM003B/TPM005B	Power supply, DC12V/3A(5A), Available to charge for battery back-up	1 ea
	FR107	Diode for lock	1 ea
	Key	Key for metal case	2 ea
	ZKAccess CD	Access Software for Control panel, user Manual	1 ea
	Cross weight	3.6-3.7kg	
	Size	350(L)*90(H)*300(W)mm	

● Specifications

			
MODEL NUMBER	inBIO160	inBIO260	inBIO460
Number of doors controller	One door	Two door	Four Door
Numbers of readers supported	4(2 RS-485 Reader, 2 26-bit wiegand reader)	8(4 RS-485 Reader, 4 26-bit wiegand reader)	12 (8 RS-485 Reader, 4 26-bit wiegand reader)
Types of readers supported	26-bit wiegand and RS485 FR Series reader	26-bit wiegand and RS485 FR Series reader	26-bit wiegand and RS485 FR Series reader
Number of Inputs	3(exit Device and Door Status, 1 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
Fingerprint Capacity	3,000	3,000	3,000
Log Events Capacity	100,000	100,000	100,000
Communication	TCP/IP and RS-485	TCP/IP and RS-485	TCP/IP and RS-485
Package Dimension	350(L)*90(H)*300(W)mm	350(L)*90(H)*300(W)mm	350(L)*90(H)*300(W)mm
Package Weight	3.6kg	3.6kg	3.7kg
CPU	32 bit 400MHz CPU	32 bit 400MHz CPU	32 bit 400MHz CPU
RAM	32M	32M	32M
Flash Memory			128M
Power			V-14.4V DC
Operating Temp	0-45°C	0-45°C	0-45°C
Operating Humidity	20% to 80%	20% to 80%	20% to 80%

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