#### **ZKSoftware**

# **ZKtechnelegyEU**

THE ADVANCED MULTIBIOMETRIC & RFID SOLUTIONS

## inBIO 160/260/460

#### **Product Description**

inBIO is a new concept access controller based on biometric identification aimed at improving identification security and access control efficiency. inBIO is specially designed to apply for offices and enterprises. To link to software for central management users can choose between Ethernet and serial communication, which allows for large integrated installations as distance between controllers and RS485 readers can reach up to 800 meters. inBIO is very convenient and safe for users to connect other security products to its groove socket. Web-based management helps to supervise local events on e-map and video remotely in real time control. As it combinedly can store and manage both fingerprint templates and RFID codes, the inBIO is one of the world's most complete, secure and efficient access control solutions.



### **Features**

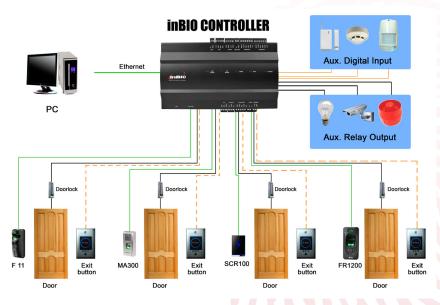
- Truly biometric identification inside of access controller
- Supports external SD Card for database back-up
- 800m distance between RS485 reader and controller at least
- Quietly brilliant to know about controller's working state by LED indicators
- Easy to remotely control and know the status of any door
- Video surveillance linkage
- Multiple hardware protection measure
- Integration with Other Security Systems
- Supports different wiegand reader
- Input/Output Ports to Control DoorsVariety of Communication Function
- Variety of Communication Function
- B/S structure software
- Normal open after first punch card can be setup
- Real-time Monitoring of Door status
- Simple Access Control System Configuration
- Interlock function
- Multi-card operation
- Anti-Passback
- Duress Mode
- SDK available



## **Specifications**

Capacity		Communication	
Fingerprint Capacity Card Capacity Event Buffer	3000 30.000 100.000	Wiegand Reader Port	inBIO160: 2ea (26bit Wiegand, 8bit Burst for PIN) inBIO260: 4ea (26bit Wiegand, 8bit Burst for PIN) inBIO460: 4ea (26bit Wiegand, 8bit Burst for PIN)
Hardware			
CPU RAM Flash Memory	32bit MIPS CPU 32MB 128MB	RS485 Reader Por Communication SD card slot	1ea Extended RS485 Port RS485, TCP/IP Yes
Software		Baud Rate	38,400bps (Recommended) / 9600bps,
Software	ZKAccess 3.5 & 5.0		19,200bps, 57,600bps (selectable)
Environment		Input Port	inBIO160: 2ea (Exit Button#1, Door Sensor#1)
Operating Temperature Operating Humidity	0°to +55°C 10% to 80% relative humidity non-condensing		<ul><li>inBIO260: 4ea (Exit Button#1, Door Sensor#1;</li><li>Exit Button#2, Door Sensor#2)</li><li>inBIO460: 8ea (Exit Button#1, Door Sensor#1;</li></ul>
Power			Exit Button#2, Door Sensor#2; Exit Button#3,
Power	DC 9.6V-14.4V, Rated Max.1A		Door Sensor#3; Exit Button#4, Door Sensor#4)
Dimensions		Output Port	inBIO160:
Dimension (H*W*D) (Single Board) Dimension (H*W*D) (Metal Cabinet)	inBlO160: 185 x 106 x 36 mm inBlO260: 185 x 106 x 36 mm inBlO460: 226 x 106 x 36 mm inBlO160: 400 x 330 x 90.5 mm inBlO260: 400 x 330 x 90.5 mm inBlO460: 400 x 330 x 90.5 mm		<ul> <li>1ea (1 FORM-C Relay Output, SPDT 5A@36VDC/8A@30VAC)</li> <li>1ea (1 Aux FORM-C Relay Output, SPDT 2A@30VDC)</li> <li>inBIO260:</li> <li>2ea (2 FORM-C Relay Output, SPDT 5A@36VDC/8A@30VAC)</li> <li>2ea (2 Aux FORM-C Relay Output, SPDT 2A@30VDC)</li> <li>inBIO460:</li> <li>4ea (4 FORM-C Relay Output, SPDT 5A@36VDC/8A@30VAC)</li> </ul>
			• 4ea (4 Aux FORM-C Relay Output, SPDT 2A@30VDC)

## **Connectivity diagram**



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