



# inBio260

## Advance Biometric Device



### Introduction:

inBIO260 a new concept access controller based on biometric identification aims to improve the security of users' life and information, it means that visitors need to place fingerprints on reader and the data collected is transferred to controller to verify. inBIO260 is specially designed for applications like home, offices and enterprises, users may choose from serial communication or Ethernet to get linked to software for central management, meanwhile, the distance between controller and RS485 readers could be more than 800m. inBIO260 is very convenient and safe for users to connect other security products for its groove socket, even quietly brilliant to see its working status through LED indicators on surface. Web-based management helps know about the local events on e-map and video remotely in real time control. We believe it will bring a big revolution of access control market in the world.



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## Features:

- Truly biometric identification inside of access controller

Users place fingerprints on reader, and access controller verifies the biometric data transferred from RS485 reader directly.

- Supports external SD Card for database back-up

inBIO260 is standard with SD Card slot, it enhances events capacity and protects database missing.

- 800m distance between RS485 reader and controller at least

It is steadily compatible working with RS485 fingerprint reader, and enhances the communication distance to 800m at least.

- Quietly brilliant to know about controller's working state by LED indicators

There are five LED indicators on the housing of inBIO260; they indicate whether power is on, whether controller runs steadily, whether the identification is valid, and whether data is transferred from RS485 readers normally.

- Easy to remotely control and know the status of any door

Users may remotely close or open the door anywhere on software and know the status on e-map

- Video surveillance linkage

Pre-setting video surveillance linkage function on software, illegally operating on reader would active the camera to take photo or record video immediately.

- Multiple hardware protection measure

There are over-current protection, over-voltage protection, reversal protection for the power supply and all the input and output terminal.

- Integration with Other Security Systems

inBIO260 can be integrated with other security systems such as CCTV, fire alarm, BAS (building automation system) and other systems to configure total security system.

- Supports different wiegand reader

The controller supports different wiegand format, and can connect to different reader, including ID card reader, Mifare card reader and HID card reader

- Input/Output Ports to Control Doors

Connect with variety of sensors, alarms, exit buttons, electric lock and other devices.

- Variety of Communication Function

Using either serial or TCP/IP communication, it provides reliable network system



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-B/S structure software

It is easy to manage the system by browser from client PC. There is no need to install software on each client.

-Normal open after first punch card can be setup

-Real-time Monitoring of Door status

Using the management software, it allows real-time monitoring and control of door opening and closing of the whole system.

-Simple Access Control System Configuration

-Interlock function

Link different doors with special logic that one door is Open, others should be closed.

-Multi-card operation

This function is used to manage visitors or to manage some special high secure place. The doors are opened when appointed number registered cards are read together.

-Anti-Passback

-Duress Mode

-SDK available

The system integrator can use the SDK to integrate the hardware into their existing access control software system or to develop a new software.

### Specifications:

<b>Model</b>	<b>inBIO260</b>
<b>CPU</b>	32bit MIPS CPU
<b>RAM</b>	32M bits
Flash Memory	256M bits
<b>Fingerprint Capacity</b>	3000
<b>Card Capacity</b>	30,000
<b>Event Buffer</b>	100,000
<b>SD Card Backup</b>	Support
<b>Power / Current</b>	DC 9.6V-14.4V, Rated Max.1A
<b>Wiegand Reader Port</b>	4ea (26bit Wiegand, 8bit Burst for PIN)
<b>RS485 Reader Port</b>	1ea Extended RS485 Port
<b>Communication</b>	RS485, TCP/IP
<b>Baud Rate</b>	38,400bps (Recommended) / 9600bps, 19,200bps, 57,600bps (selectable)
<b>Input Port</b>	4ea (Exit Button#1, Door Sensor#1; Exit Button#2, Door



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	Sensor#2)
<b>Output Port</b>	2ea (2 FORM-C Relay Output, SPDT 5A@36VDC/8A@30VAC)
	2ea (2 Aux FORM-C Relay Output, SPDT 2A@30VDC)
<b>LED Indicator</b>	Yes, LED indication for communication, power, status and punch card
<b>Operating Temperature</b>	0°to +55°C
<b>Operating Humidity</b>	10% to 80% relative humidity non-condensing
<b>Dimension (H*W*D)mm</b>	185*106*36(single board)
	400*330*90.5(with power supply and metal cabinet)
<b>Housing Material</b>	PVC



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