SONIC
SECURITY SOLUTION

ผู้นำด้านระบบรักษาความปลอดภัย
SECURITY TECHNOLOGY SOLUTION

WORLD LEADER

- SECURITY TECHNOLOGY
- BIOMETRIC TECHNOLOGY
- RFID TECHNOLOGY
- CCTV TECHNOLOGY

S6000
Reader In-Out

Biometric Performance
Reliable, durable and highly accurate ZK finger-print sensor with ver. 10 algorithm provides less than 1.5 second user recognition from the slave reader or the inBio panel with an extremely low false read rate.

Easy Operation and Management
The user places their finger on the sensor and after the fingerprint is matched by the master or inBio panel an audio and visual indication for acceptance/rejection is provided to the user.

Options
Internal Proximity Card or Mifare Card reader allows dual factor authentication for access control.

Communication
RS485 mode of communication is used by the sensor to communicate with the master reader or the inBio panel.

Waterproof Enclosure
IP65 rated waterproof enclosure permits this reader to be used for outdoor applications.
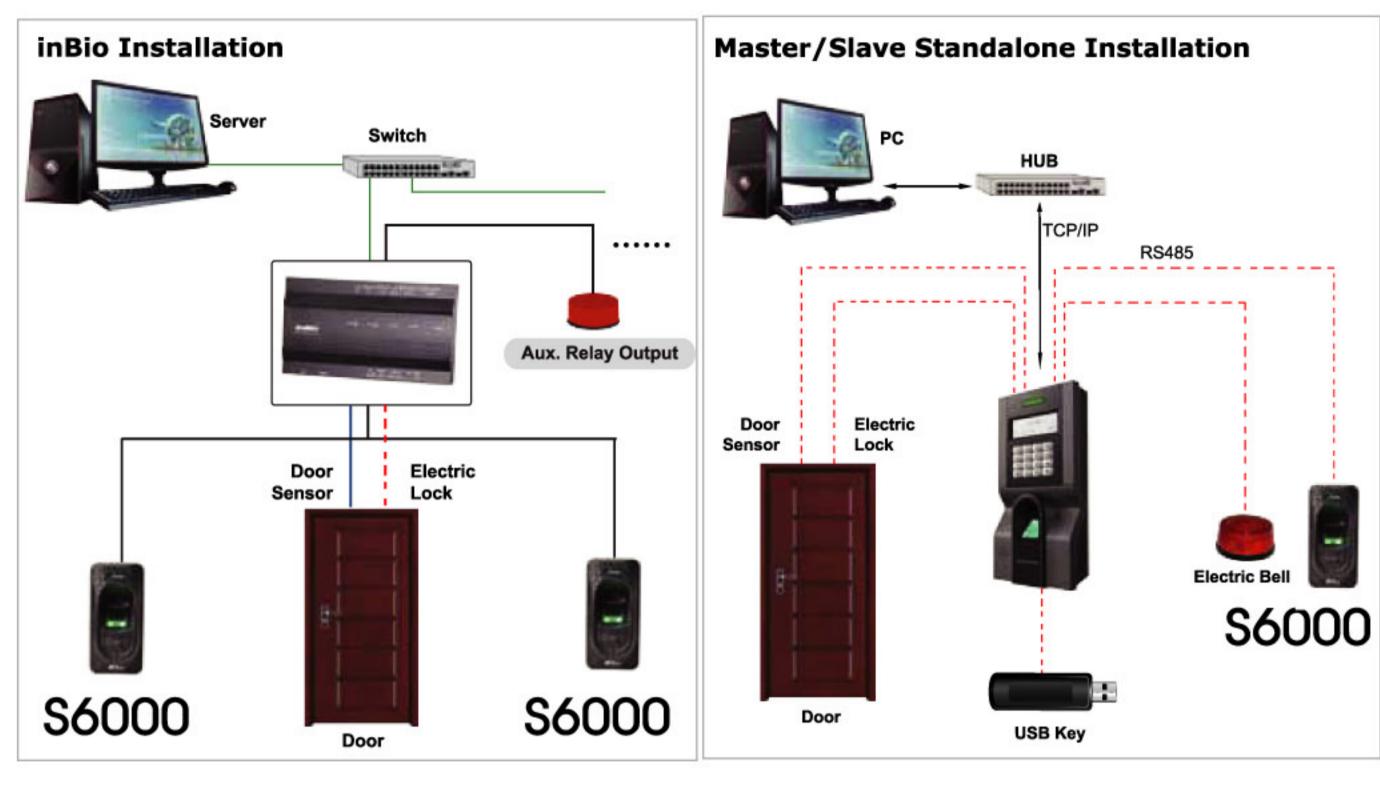
S6000, a fingerprint reader with RS485 communication interface works with biometric access controllers, including inBIO160, inBIO260 and inBIO460. It offers the function of capturing and transferring fingerprint samples to controller inside to match. With its IP65 rated rugged structure, FR1200 offers extra durability in all weather conditions including outdoor environments.

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Connection Diagram:

inBio Installation — Server, Switch, Aux. Relay Output, Door Sensor, Electric Lock, S6000, Door, S6000

Master/Slave Standalone Installation — PC, HUB, TCP/IP, RS485, Door Sensor, Electric Lock, Door, Electric Bell, S6000, USB Key

Features:

- FR1200 can transfer fingerprint template to inBIO controller or F8 series fingerprint access controller through RS485 communication, so the latter is much more stable and secure
- FR1200 has passed IP65 certification, so it can be applied to outdoor working environment
- FR1200 has standard 125Khz ID Card module
- FR1200 is very easy to be installed due to small size and only needs the RS485 communication
- After upgrading the firmware of standalone access controllers, the FR1200 can work with them, which have RS485 communication
- FR1200 works with inBIO controller or F8 series fingerprint access controller
- The fingerprint is verified by internal access controller or inBIO controller.
- Even if FR1200 is destroyed, the relay is on master device, so it can not open door
- FR1200 uses ZK infrared detection fingerprint sensor creatively, it could detect fake fingerprints
- User could feel if their fingerprint is verified or not, which is user-friendly and improves the accuracy and safety of access control data greatly.
- FR1200 works with inBIO biometric access controllers to provide "one-stop" access control solutions for small and medium-sized enterprises

Specifications:

CPU:	324MHz
Sensor:	ZK small-sized sensor
Communication:	RS485
Standard function:	ID Card Module
Optional function:	MF Card Module
Voice Prompt:	Buzzer
Dimension(W*H*D)mm:	50*102*37.3
Protection Grade:	IP65