SONIC
SECURITY SOLUTION

ผู้นำด้านระบบรักษาความปลอดภัย
SECURITY TECHNOLOGY SOLUTION

WORLD LEADER

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

Biometric Access Control System

F8
F8T

- 2,200 User
- 50,000 Record
- 50 Time Zone, 5 Grouping, 10 Combination, Holiday Management, support many fingerprints access, support standalone work
- TCP/IP or RS232 and RS485
- USB V.2.0

F8
Access Control

F8T
Access Control

One fingerprint develop the whole world
Adopt high reliable industrial component parts and optical sensor, watchdog monitor to avoid
Unit hang, unique reset key keeps the unit well work
Easy to install all the cable connection EM lock installation are the same to the traditional IC/ID
Access control
One-way alarm output: Dismantlement alarm, threatens alarm, unlock illegally alarm, not block
Alarm

ควบคุมประตูได้ มีเสียงตอบรับ พร้อมเชื่อมต่อ USB
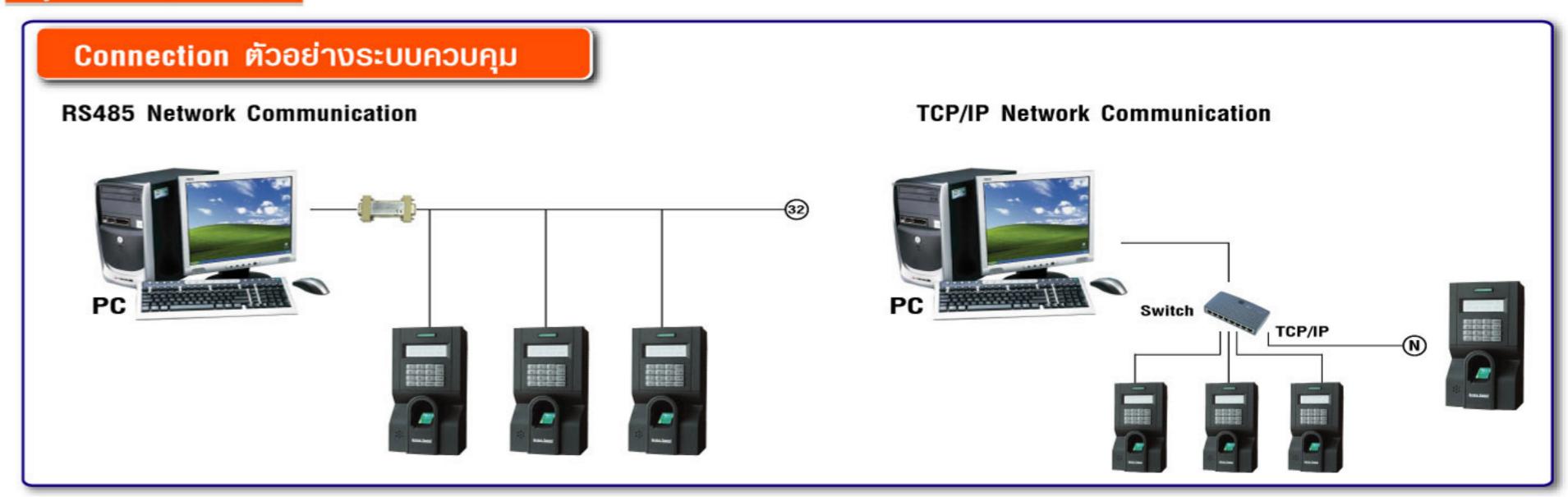
Biometric Access Control System

F8 is a widely used Access Control in the office. Choosing a lot of stable original parts, strictly follow the national security product standard. F8 is suitable for the entrances and exits of office, factory, hotel, school, etc. All input /output are using anti-jamming protection and over-voltage/circuit protection. The product experiences the strict degradation test before leaving factory. The greatest advantage of F8 is easy to install, with multifunctional & elegant design and reasonable price.

System Architecture

Connection ตัวอย่างระบบควบคุม

RS485 Network Communication

PC

32

TCP/IP Network Communication

PC — Switch — TCP/IP — N

Biometric Access Control System

Access Control Communication
Door Lock Setup & Standalone Configuration

Wiegand Controller
Door Sensor
Magnetic, Bolt , Strike
PUSH BUTTON
Siren Buzzer
PC
Magnetic, Bolt , Strike

Specification

Hardware platform:	ZEM500
Operating system:	Linux
User capacity:	2,200
Transaction capacity:	50,000
Sensor:	ZK Sensor
Algorithm version:	2007 Version ZK new algorithm
Access Control:	50 Time Zone, 5 Grouping, 10 Combination, Holiday Management, support Many fingerprints access, support standalone work
Communicational:	TCP/IP or RS232 and RS485
Keyboard and Display:	LCD with 80 character and figure keypad
Power:	12 V
Identification speed:	<=2 seconds
FRR:	<=1%
FAR:	<=0.0001%
Temperature operating:	0 ˚C - 45 ˚C
Humidity operating:	20%-80%
Language:	Thai, English, other Languages
Standard:	Wire Doorbell, Wiegand OUT, Wiegand IN
Optional:	ID/HID/Mifare card, Webserver, USB host, Short message, Workcode, RIS, Antipass-back
Optional:	Webserver, Workcode, RIS, Multi-identification, 9 Digits User ID, Schedule Status, T&A Records.