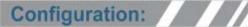# FAC300

IP Based Outdoor Fingerprint Access Control

Introduction

FAC300 is an innovative biometric fingerprint reader for access control applications, offering unparalleled performance using an advanced algorithm for reliability, precision and excellent matching speed. The FAC300 features the fastest commercial-based fingerprint matching algorithm and high-performance, high-image quality optical fingerprint sensor. The device offers the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand. The user can be enrolled by administrator card when the device works as a standalone access control. TCP/IP and RS232/485 are available that the device can be used in different network. TCP/IP communication makes sure the data transition between the device and the PC can be easily done within several seconds. FAC300 can be used in tough environment because of the IP54 protection index and the wide range of operating temperature.

· Fingerprint reader with durable and highly accurate optical sensor
· 1 touch a-second user recognition
· Stores 1,500 templates, 10,000 cards and 100,000 transactions
· Reads Fingerprint and/or Card
· Optional integrated smart card reader and external USB keypad
· Built-in Serial and Ethernet ports
· Tamper-proofs switch and alarm outputs
· Request-to-exit and alarm contacts
· Real-time 1-touch data export 3rd party hosted & non-hosted applications
· Audio-Visual indications for acceptance and rejection of valid/invalid fingers
· IP54 protection index
· Wide range of operating temperature

Specifications:

Fingerprint Capacity	1500 templates
ID card Capacity	10,000
Transaction Capacity	100,000
Hardware Platform	ZEM710
Sensor	Optical Sensor
Algorithm Version	Finger v10.0
Communication	RS485, TCP/IP, USB-host
Access Control Interface for	3rd party electric lock, door sensor, exit button, alarm
Wiegand Signal	Input & Output
Stardard Access Control Function	Time Zone, Group, Multi-identification, Duress mode, Anti-passback
Optional Functions	Mifare, external USB keypad
Display	N/A
Power Supply	12V DC
Operating Temperature	-10 ℃- 60 ℃
Operating Humidity	10%-90%
Index of Protection	IP65
Dimension(W*H*D)mm	73*148*34.5
Gross Weight	1.15kg