

ZK – MA300

Fingerprint Access Control

ZKSoftware
The Advanced Biometric Solution



AVI INFOSYS LLC
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Product Introduction

MA300 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 MA300 features the fastest commercial-based fingerprint matching algorithm and ZK 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. MA300 can be used in tough environment because of the IP54 protection index and the wide range of operating temperature.

Quick Facts

- Fingerprint reader with durable and highly accurate ZK optical sensor
- 1 touch a-second user recognition
- Stores 1,000 templates, 10,000 cards and 30,000 transactions
- Reads Fingerprint and/or Card reader or ABA reader
- Optional integrated smart card reader
- 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

Technical Specification

Fingerprint Capacity	:	1000 templates
ID card Capacity	:	10,000
Transaction Capacity	:	30,000
Hardware Platform	:	ZEM700
Sensor	:	ZK Optical Sensor
Algorithm Version	:	ZK Finger v9.0
Communication	:	RS232/485, TCP/IP, USB-host
Access Control Interface for	:	3 rd party electric lock, door sensor, exit button, alarm
Wiegand Signal	:	Input & Output
Optional Functions	:	Mifare
Display	:	N/A
Power Supply	:	12V DC
Operating Temperature	:	-10 °C - 60 °C
Operating Humidity	:	10%-90%
Index of Protection	:	IP54
Dimension(W*H*D)mm	:	73 X 148 X 34.5
Gross Weight	:	1.15kg

Connection



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