

MA500

Metal Design & Anti-vandal IP65 Outdoor Fingerprint Access Control



ZKTeco MA500 is an advanced biometric access control terminal that could be operated in standalone mode as well as networked through TCP/IP or RS485 for software management. Equipped with a robust metal housing and durable backlit keypad, MA500 is vandal resistant and reaches IP65 protection degree which makes it suitable for installation in high traffic and harsh environments.

Apart from interfaces to connect with electric lock, door sensor, alarm and exit button to combine a standalone door access system, the wiegand output enables MA500 to connect with any 3rd party access control panels for working as a wiegand fingerprint reader, it's value added and very easy to replace conventional proximity or keypad access control system by biometric technology.

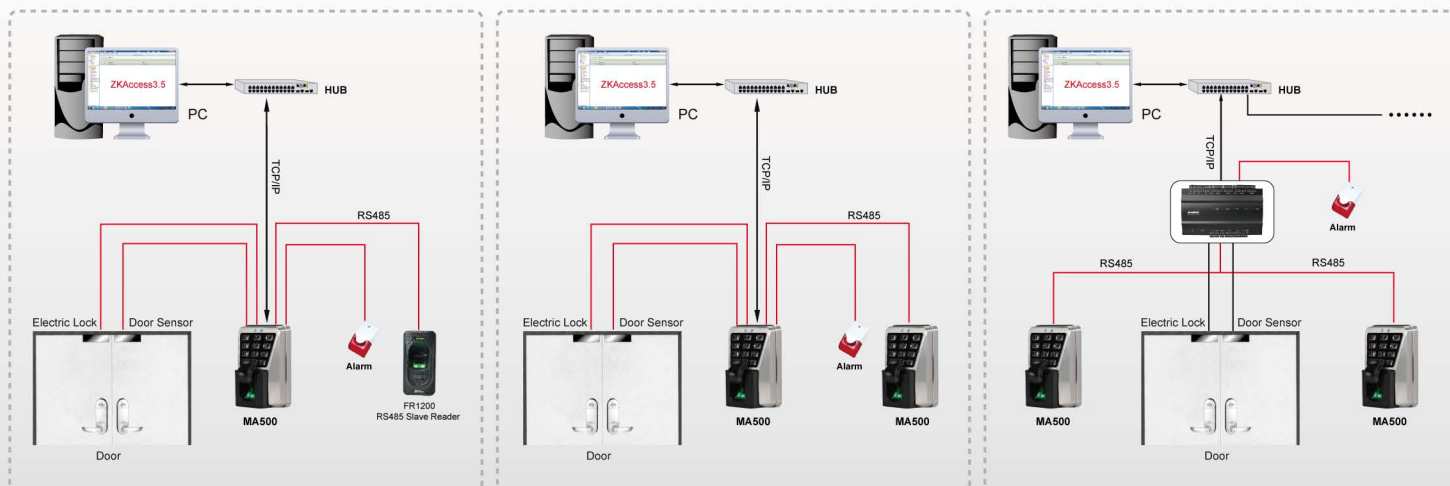
Embedded with latest firmware, MA500 supports ZKAccess3.5 management software which has versatile features and powerful functions. Another benefit of this new firmware is that it supports FR1200 fingerprint reader and realizes Master and Slave solution by RS485 connection instead of wiegand. MA500 could also function the same as FR1200 that to connect with inBIO series controllers as a RS485 fingerprint reader.



Features:

- Vandal resistant & IP65 waterproof, ideal for outdoor installation
- Large storage capacity up to 3,000 fingerprints, 30,000 proximity cards and 100,000 logs
- Ability to connect specially designed FR1200 fingerprint slave reader
- Combine master and slave system to secure the entrance and exit with dual biometric authentication simply and easily by RS485
- Support Anti-passback to maximize security level
- Configurable wiegand output to connect with most of the access control panel brands, easy replacement into existing systems
- Various types of alarms such as tamper alarm, door sensor alarm, duress alarm etc.
- Free Pull SDK available for integration

Configuration:



Optional Accessories:



FR1200

Exit Button

Electric Lock

Alarm

Door Sensor

Specifications:

Model	MA500
Software	ZKAccess3.5
SDK	New PULL SDK
Fingerprint Sensor	Optical sensor with protective cover
Algorithm Version	ZKFinger V10.0
Fingerprint Capacity	3,000
Card Capacity	30,000
Log Capacity	100,000
RF Card	EM(standard)/Mifare(optional)
Authentication Method	FP only, RF only, PIN only, FP/RF/PIN, PIN&FP, PIN&RF
Access Control Interface	Electric lock, Door sensor, Alarm, Exit button
Communication	TCP/IP, RS485
Wiegand Signal	Wiegand out
Ingress Protection Rate	IP65
Power Supply	12VDC 3A
Operating Temperature	0°C ~ 45°C
Dimensions (W×H×D)	83mm×127.5mm×74mm

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