

MA300

Access Control Fingerprint reader(MF)

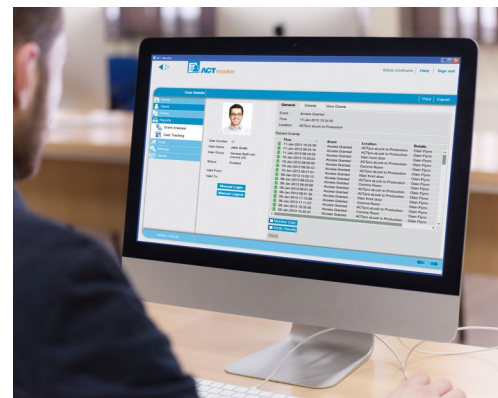


Overview:

MA300, one of the innovative biometric fingerprint readers for access control applications. Offering unparalleled performance by adopting an advanced ZK fingerprint algorithm for reliability, precision and excellent matching speed. It has a metallic casing which is IP65 rated, enabling it to be resistant to water, dust and other outside damages.

MA300 offers the flexibility to be installed as standalone or with ACT Enterprise supported by a custom 34-bit wiegand format. In standalone mode, users can be enrolled by the administrator card. TCP/IP and RS485 are available, so that the device can be connected easily and conveniently.

Integrated with ACT Enterprise SW Version 2.10 or later. The MA300 is a perfect solution for biometrics working with ACT for internal and external mounting scenarios. Enrollment is simple and easy with the use of the SLK20R reader.



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MA300 Access Control Fingerprint reader(MF):

✓ Rugged Structure and Extra Durability

IP65 rated waterproof and dustproof structure.

✓ Metallic Casing

Vandal-proof for outdoor installation

✓ Fast and Accurate Fingerprint Algorithm

1 touch a-second user recognition. Store 1,500 templates. In standalone mode - 10,000 cards and 100,000 transactions

✓ Easy Installation and Connectivity

Wiegand input & output, Network interface by TCP/IP or RS485

✓ Full Access Control Features in Standalone Mode

Anti-passback, Access control interface for 3rd party electric lock, door sensor, exit button, alarm and doorbell

✓ Easy operation and Management

Fingerprint and RF card reader for multi-model authentication. In ACT Enterprise, Single Authentication only is available.

✓ Integrated with ACT Enterprise

The MA300 is integrated with ACT Enterprise. Fingerprint Templates are captured via the SLK20R USB enrollment reader directly into ACT Enterprise Software and the template is transferred to any MA300 over IP on the same network.

✓ Works with ACT Mifare Classic Cards

The MA300 works with ACT Mifare Classic cards reading the secure element of the ACT cards. A Custom Card Format is required in ACT Enterprise to allow Sector Data to be read correctly.



Additional Information :

Enrollment Requirement

- For use with ACT Enterprise Software 1 enrollment reader SLK20R is required
- 1 Enrollment reader is required per system

Access Control Support:

- Biometric Support on ACT Enterprise SW Version 2.10 or later
- License required to work with ACT Enterprise
- Part Number for ACTE-Bio P54508-P123-A100
- ACTE-Bio License is sold as a per door License

ACT Mifare Custom Card Format Required

- Overall Card Length: 34
- Site Code: 0 to 0
- Card Number : 2 to 32
- Issue Number: 0 to 0
- No Reverse

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Technical Data

Vanderbilt Material Number	N54504-Z152-A100
Power Supply	3A/12V DC
Operating Temperature	-10 °C- 60 °C
Operating Environment	Internal/External, Surface mounting
IP Rating	IP65
Gross Weight	1.15kg
Dimensions (H x W x D mm)	73 x 148x 34.5
Material: Body	Stainless Steel
Communication	RS485,TCP/IP,USB-host
Wiegand Signal	Input & Output
ID Card Capacity	10,000
Transaction Capacity	100,000
Fingerprint Capacity	1,500 templates
Sensor	ZK Optical Sensor
Algorithm Version	ZK Finger v10.0
Card Format	ACT Mifare Classic (Encoded Only)
Act Controllers Supported	ACTPro1500e, ACTPro1520e, ACTPro4000 (requires Memory Card)





Access Control Fingerprint reader(MF)

Ordering Information:

Type	Art. No.	Description	Weight*
MA300	N54504-Z152-A100	MA300 Access Control Fingerprint reader(MF)	0.615kg
SLK20R	N54504-Z150-A100	SLK20R USB Silk ID Fingerprint reader	0.160kg
ACTE-Bio	P54508-P123-A100	ACTE-BIO Biometrics Licence	N/A

Other Available Products

Type	Art. No.	Description	Weight*
SF420	N54504-Z151-A100	SF420 Access Control Fingerprint Reader(MF)	0.402kg

*Gross weight of the product inclusive of the weight of its accessories and packaging.

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