



Fingerprint Reader

MA-500+ / 520+ Technical Specification

Database

- 3,000 - 10,000 enrolled personnel (two fingers per person) (50,000 capacity with MA-Xtended license)
- Stores up to 8,000 logs of activity in off-line mode

Matching

- 0.7 sec in authentication mode
- 0.9 sec in 1:1000 identification mode (including detection, coding and matching)

Interfaces

- Ethernet (10/100 Base T)
- 26-bit Wiegand Input and Output

Functions

- MiFare Card Reader (MA-520+ Only)
- Dry Contact Relay
- 500 dpi MorphoSmart™ optical fingerprint scanner
- Backlit LCD graphical display (128 x 64 pixels)
- Backlit keypad with 12 keys
- Buzzer and bi-colour LED

Security

- SSL on TCP/IP network
- Secure screws, antitheft and anti-tamper

Physical characteristics

- Height 155mm x Width 155mm x Depth 74mm
- Weight: 0.8kg

Voltage supply

- 9 V to 16 V (350 mA typical @ 12V)
- Power Over Ethernet (POE)

Operating Conditions

- Internal use only
- Operating temperature range: -10c to +50c
- Operating humidity range: 10% to 80%

Ordering Information:

Part Number:SG-MA500+
Fingerprint Only Reader

Part Number:SG-MA520+
Fingerprint Reader with
Mifare Card Reader



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