

Fingerprint Reader

OMA-520 Technical Specification



Ordering Information:

Part Number:SG-OMA520

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

Fingerprint Reader

- MiFare Card Reader
- IP65 certified in a hardened, weatherized housing
- 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
- Dual-core ARM 9 microprocessors with multi thread processing capability

Security

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

Physical characteristics

- Height 289mm x Width 218mm x Depth 99mm
- Weight: 2kg

Voltage supply

- 9V, 16V (350 mA typical @ 12V)
- 15.4W Power Over Ethernet (POE)

Operating Conditions

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



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