

Morpho Access MA500+ Series

Technical Specifications



Manage your biometric terminals with the world's leading solutions based software. BioManager is specifically designed to get peak performance from Morpho Access Terminals.

- **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
- **MorphoAccess Unit**
- Dry Contact Relay
- Fake fingerprint detection (MA521+ Only)
- 500 dpi MorphoSmart™ optical fingerprint scanner
- Backlit LCD graphical display (128 x 64 pixels)
- MiFare Card Reader (MA520+ Only)
- In/Out buttons for Time and Attendance
- Dual-core ARM 9 microprocessors
- **Security**
- Secure screws, antitheft and anti-tamper
- **Physical characteristics**
- H: 6.1" (155mm) x W: 6.1" (155mm) x D: 2.9" (74mm)
- Weight: 1.8 lb (0.8 kg)
- **Voltage supply**
- 9 V to 16 V (350 mA typical @ 12V)
- Power Over Ethernet (POE)
- **Operating Conditions**
- Operating temperature range: 14°F to 122°F (-10°C to 50°C)
- Operating humidity range: 10% to 80%



America 1.888.444.8620
Australia 1300.765.229
Africa +27.11.083.7499

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IdentityOne™ 

www.identityone.net
sales@identityone.net