

MAF006

Fingerprint and Proximity Reader

The MAF006 is an intelligent Proximity and Fingerprint Reader built to meet extremely high security levels and cost effectiveness in applications that call for Biometric solutions. The MAF006 comes in different versions for different applications: with built-in Prox reader, with external reader port, with SmartCard (MIFARE®), as a registration terminal, etc.



- **Built-in Proximity (MAF006) or SmartCard MIFARE compatible (MAF006S) Reader**
- **Built-in external reader port (MAF006EX) for use with existing readers**
- **RS422, RS485, RS232 Data communication**
- **Wiegand Protocol for controller connection**
- **Less than 1sec. Verification time**
- **Up to 4500 user capacity (MAF006), unlimited users (MAF006S)**
- **Mineral crystal prism highly resistant to ESD and scratches**
- **Dual fingerprint registration**

ACCESS TO PEACE OF MIND™

SECURITY • PARKING • ACCESS CONTROL

MAF006

Specifications:

CPU	32bit Strong ARM and Dual 8bit Microprocessors
Memory	Program memory: 64K Byte ROM Data memory: 1Mbit/2Mbit/4Mbit Flash Memory
Sensor	Mineral crystal, scratch and ESD resistant prism
Fingerprint Templates	MAF006/MAF006EX: 720/2,000/4,500 (depending on version) MAF006S: Unlimited
Template Size	400 Bytes (800 Bytes for dual finger registration)
Verification Time	Less than 1 second
Proximity Reader	MAF006: Built-in 4 inch (10cm) Proximity Reader MAF006S: Built-in 4 inch (10cm) SmartCard (MIFARE) reader MAF006EX: Port for external 26bit Wiegand reader or 8bit burst keypad (no built-in reader)
Output to Controller	26bit Wiegand Fingerprint Verification Error Tamper switch output
Fingerprint Registration	MAF006R
Inputs	LED Control, Beeper Control (RS485)
Communications	Addressable RS485/RS422(Max 255)/RS232 Port or TCP/IP (External converter required) for upload and download
Power	DC7V-DC17V, Max. 350mA
Operating Environment	+5° F to + 104° F (-15° C to +40° C) 10% to 90% RH (Non-Condensing)
Colour	Dark Pearl Gray, Ivory
Weight	230g (0.50 lbs)

