FINGER PRINT NETWORK
DIGITAL DOOR LOCK

MB740

GATEMAN

April 2005
Global Marketing
Overview

Product Description

- Battery Pack
- Registration Buttons
- Manual Knob
- Internal Forced Lock Switch
- Remote Control
- Keypad Cover
- Operation LED
- Emergency Power Supply Terminal
- Electronic Override
- Keypad
- Finger Print Recognition Panel
- Lever
- LED
Design

± Ergonomic Design
± Simple & Luxury Design
Technology

World No. 1 Fingerprint Recognition Engine

Æ World No.1 smart and correct
Æ Sweep type thermal Fingerprint sensor
Æ High speed 32-Bit RISC+ DSP Processor
Æ Fingerprint Recognition Algorithm
Æ Optimized authentication speed and performance
Æ 500 dpi fingerprint image capture
Æ Low power consumption

FVC2004 1st Ranked!

FVC competition is the world largest evaluation fingerprint matching technologies.
http://bias.csr.unibo.it/fvc2004/
Extension

± Upgrade Network Digital Door Lock

Æ GATEMAN® can be upgraded by just changing 3 type of battery pack

**FEATURES**

- Battery Pack
- Stand Alone
- Remote Control
- PSTN Security System Network
eGATEMAN System Overview

± eGATEMAN**TEL** System

- Gas Controller
- Motion Detector
- Alarm Control Panel
- Digital Door Lock
- Window Sensor

Contact: [Representative Image]
Convenience

± Finger Recognition System

Æ Sweep type thermal Fingerprint sensor
Æ FRR (False Rejection Rate) 2.53%
Æ FAR (False Acceptance Rate) 0.0001%
Æ Max 40 finger prints can be registered
Æ Normal Mode & Security Mode can be selected.

± Fingerprint Access Mode

<table>
<thead>
<tr>
<th></th>
<th>Normal Mode</th>
<th>Security Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Users</td>
<td>5 persons</td>
<td>40 persons</td>
</tr>
<tr>
<td>(recommended)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access Method</td>
<td>Fingerprint</td>
<td>Fingerprint + Security Code</td>
</tr>
<tr>
<td>Register Fingerprint</td>
<td>Individual Registration</td>
<td>Individual Registration</td>
</tr>
<tr>
<td>Delete Fingerprint</td>
<td>Delete All</td>
<td>Delete All or, Delete Individual</td>
</tr>
</tbody>
</table>
Convenience

- **Automatic Lock Mode**
  - Closing door will automatically locks the door.
  - Manual operation is also available.

- **Sliding Cover**
  - 2 step sliding cover maximizes the user’s convenience for both finger recognition and keypad security code entering.
Convenience

± Self Check
Æ It checks the system status and alerts the user in case of malfunctions or low battery power.

± Emergency Power Supply
Æ When the batteries are completely discharged you can easily supply the emergency power to the lock with a 9V battery.

± Etiquette Mode
Æ Etiquette mode silences the function sound, not disturbing the neighborhood at night.

± Electronic Override
Æ When it electronically malfunctions the user can open the lock with an emergency key which has an extra circuit. It is useful for after sales maintenance.
Convenience

± Forced Lock Mode

Æ Internal and external lock modes enhance the level of security.

± Blue Back Light

Æ Blue back-light turns on when lifting up the keypad cover so that it is easy to use in the dark.

± Remote Control

Æ FM Radio Frequency
Æ Wireless Floating ID technology Implemented
Æ Photo Frame Type
Æ Working Distance 10m~20m
Æ Remote Control Pack Required

± Automatic Lock Mode
± **Fingerprint System**

Æ No more worry about lost key and peaking.

± **Fire Alarm**

Æ If it detects over 60°C high temperature in case of fire, alarm sounds off and automatically unlock.

± **Wrong-Try Lock-Out**

Æ When incorrect passwords or unregistered key are input five consecutive times the operation stops for five minutes.

± **Break-in Alarm**

Æ 80dB alarm will go off if anyone attempts to damage the lock or force the door open.

Æ Length of alarm sound can be adjusted (3/10/30/∞)

± **One-body Safety Cap**
GATEMAN MB740 Spec.

Æ Front Body
42(D)X74(W)X314(H) Die Cast Zinc

Æ Main Body
45(D)X74(W)X314(H) Die Cast Zinc

Æ Lever: Aluminum Die Cast

Æ Emergency Key: 1EA

Æ Battery: 1.5V Alkaline 8EA
1 Year Lift using 10 times a day

Æ Mortise: Steel & Die Cast Zinc

Æ Safety Cap: Enforced Plastic

Æ Battery Pack (Option)
Battery Pack / Remote Pack / Network Pack

Æ Operation Temp.: -15°C ~ 55°C
Promotion
Appendix

± GATEMAN MB740 Outer Dimension
Appendix

GATEMAN MB740 Installation Instruction

Check
Make holes on Door
Mortise
Front Body
Main Body
Striker
Check
Appendix

± GATEMAN MB740 Installation Template