

*FINGER PRINT NETWORK  
DIGITAL DOOR LOCK*

**MB740**

**GATEMAN**

April 2005

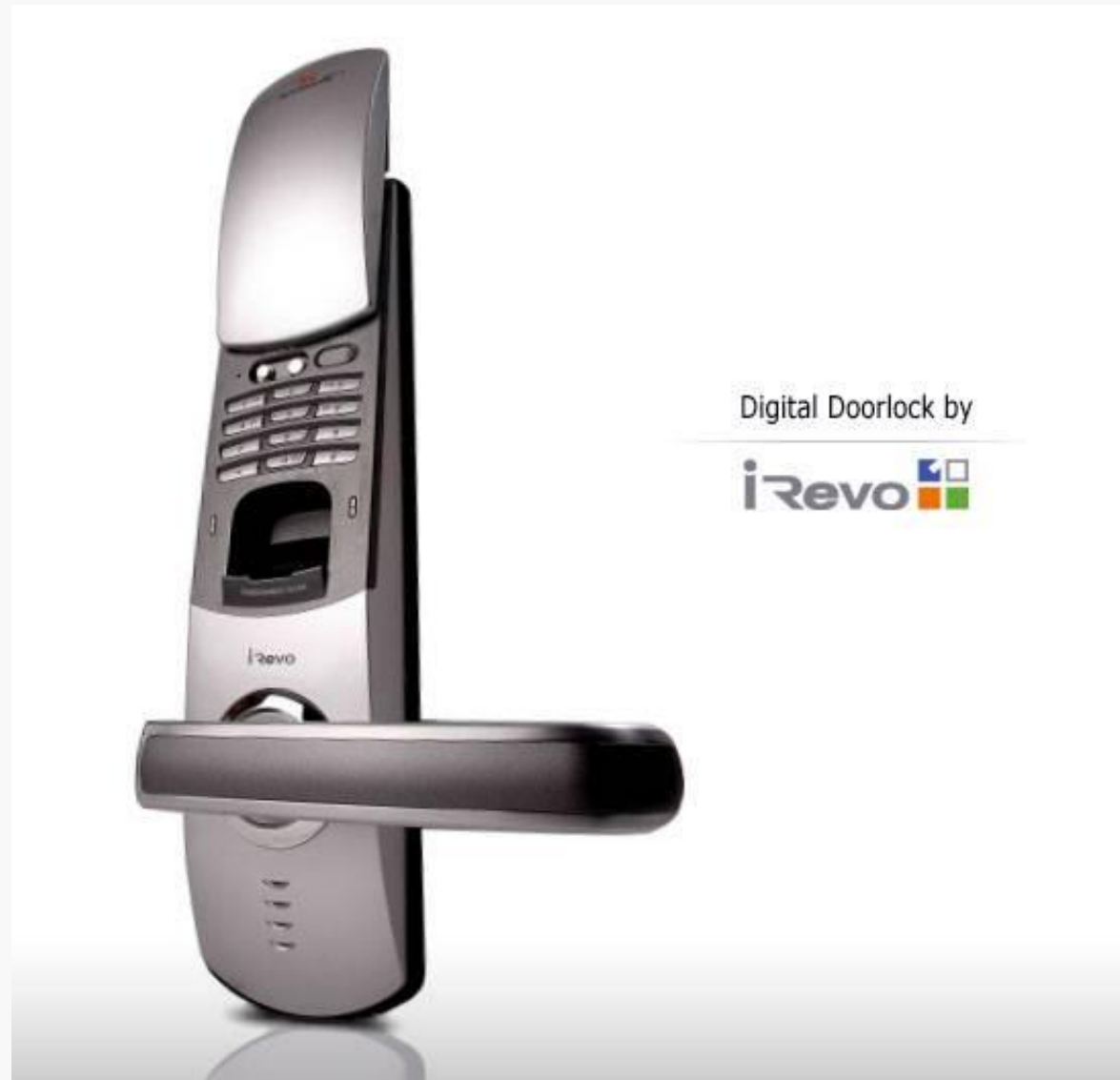
Global Marketing



**GATEMAN**<sup>MB740</sup>

**iRevo**

# GATEMAN MB740



Digital Doorlock by

**iRevo**

# Overview

## ± Product Description

Battery Pack

Registration Buttons

Manual Knob

Internal Forced Lock Switch



Remote Control



Operation LED

Emergency Power Supply Terminal

Finger Print Recognition Panel

Lever



Keypad Cover

Electronic Override

Keypad

LED

# Design

- ± Ergonomic Design
- ± Simple & Luxury Design



# Technology

## ± World No. 1 Fingerprint Recognition Engine

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



**FVC2004**  
**1<sup>st</sup> Ranked !**

FVC competition is the world largest evaluation fingerprint matching technologies.

<http://bias.csr.unibo.it/fvc2004/>



# Extension

## ± Upgrade Network Digital Door Lock

Ⓜ GATEMAN<sup>®</sup> MB740 can be upgraded by just changing 3 type of battery pack

Battery Pack



Stand Alone

Battery Pack



Remote Control

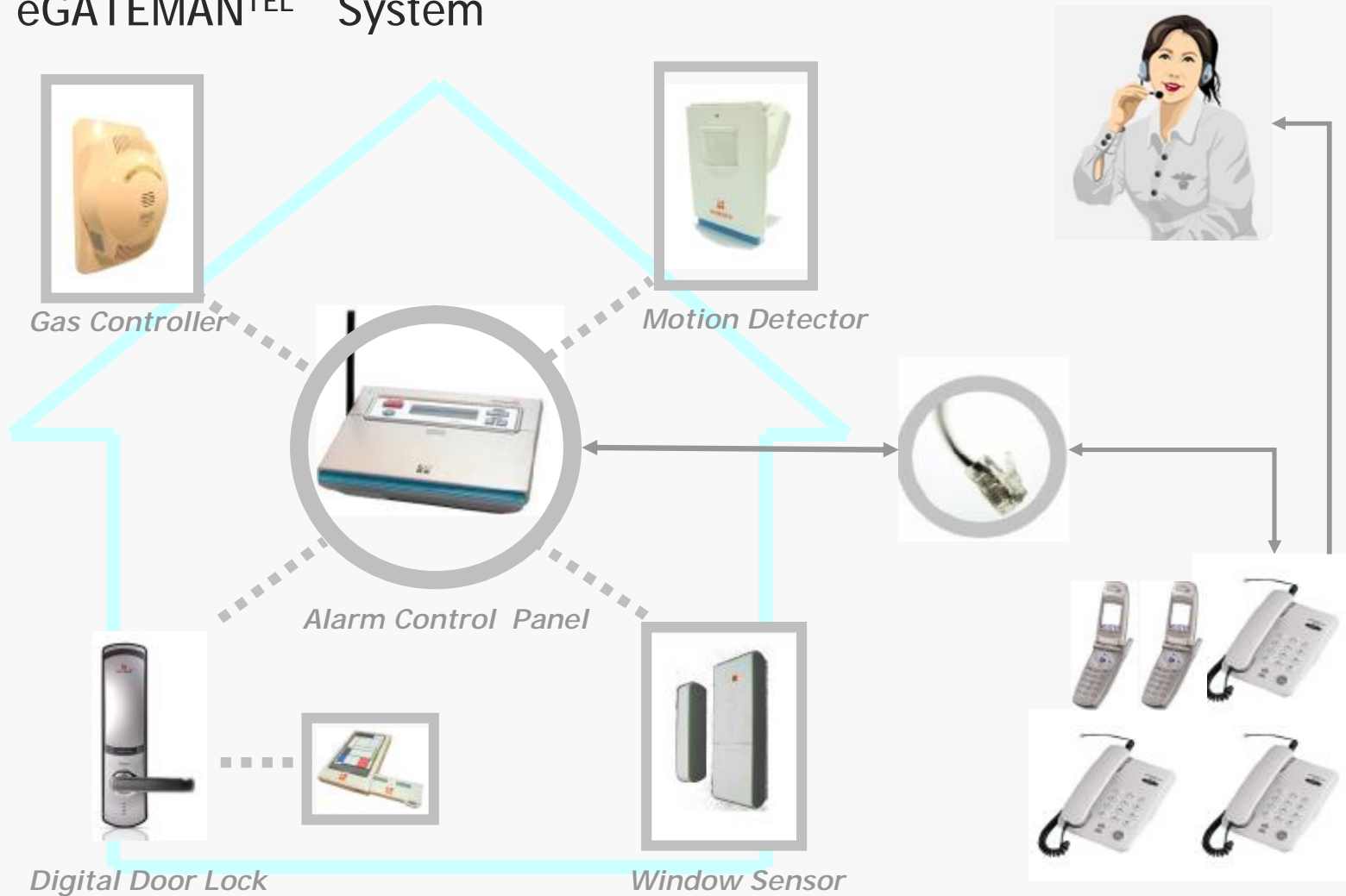
Network Pack



PSTN Security System Network

# eGATEMAN System Overview

## ± eGATEMAN<sup>TEL</sup> System





# Convenience

## ± Finger Recognition System

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



## ± Fingerprint Access Mode

	Normal Mode	Security Mode
Number of Users (recommended)	5 persons	40 persons
Access Method	Fingerprint	Fingerprint + Security Code
Register Fingerprint	Individual Registration	Individual Registration
Delete Fingerprint	Delete All	Delete All or, Delete Individual





# 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

- Ⓡ It checks the system status and alerts the user in case of malfunctions or low battery power.



## ± Emergency Power Supply

- Ⓡ When the batteries are completely discharged you can easily supply the emergency power to the lock with a 9V battery.



## ± Etiquette Mode

- Ⓡ Etiquette mode silences the function sound, not disturbing the neighborhood at night.



## ± Electronic Override

- Ⓡ 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

- Ⓜ Internal and external lock modes enhance the level of security.



## ± Blue Back Light

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



## ± Remote Control

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



## ± Automatic Lock Mode



# Security

## ± Fingerprint System

- ④ No more worry about lost key and peaking.

## ± Fire Alarm

- ④ If it detects over 60C high temperature in case of fire, alarm sounds off and automatically unlock.



## ± Wrong-Try Lock-Out

- ④ When incorrect passwords or unregistered key are input five consecutive times the operation stops for five minutes



## ± Break-in Alarm

- ④ 80dB alarm will go off if anyone attempts to damage the lock or force the door open.
- ④ Length of alarm sound can be adjusted (3/10/30/∞)



## ± One-body Safety Cap

# Specification

## ± GATEMAN MB740 Spec.

- ® Front Body  
42(D)X74(W)X314(H) Die Cast Zinc
- ® Main Body  
45(D)X74(W)X314(H) Die Cast Zinc
- ® Lever: Aluminum Die Cast
- ® Emergency Key: 1EA
- ® Battery: 1.5V Alkaline 8EA  
1 Year Life using 10 times a day
- ® Mortise: Steel & Die Cast Zinc
- ® Safety Cap: Enforced Plastic
- ® Battery Pack (Option)  
Battery Pack / Remote Pack / Network Pack
- ® Operation Temp.: -15 °C ~ 55 °C



# Promotion

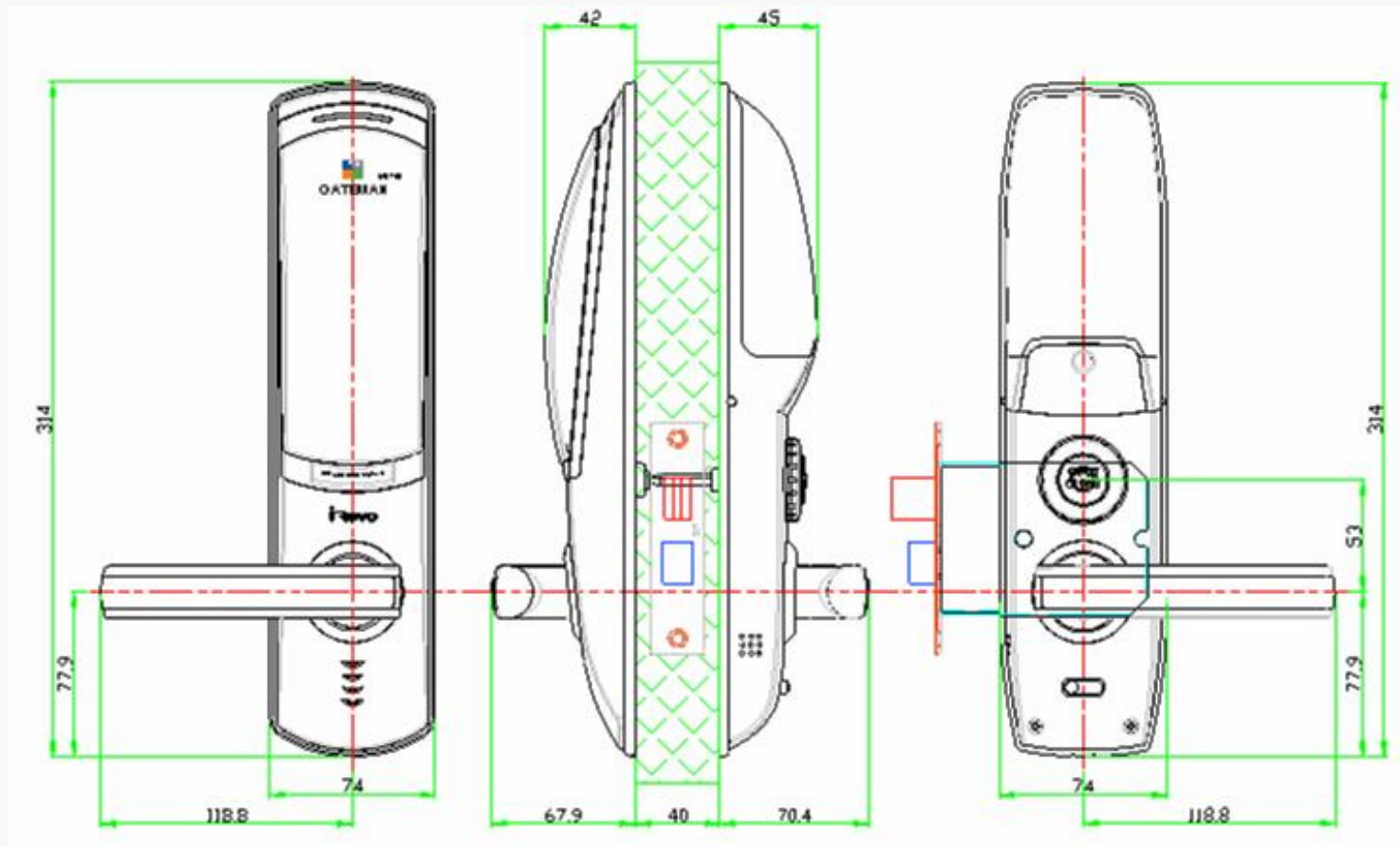
± Promotion





# Appendix

± GATEMAN MB740 Outer Dimension

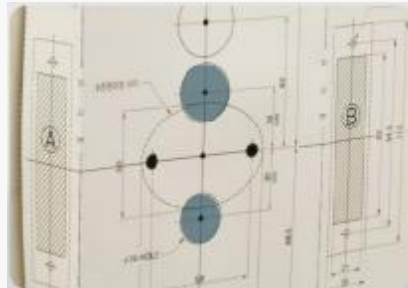




# Appendix

## ± GATEMAN MB740 Installation Instruction

Check



Make holes  
on Door

Mortise



Front Body

Main Body

Striker

Check





*Upgrade Digital Life!*

**GATEMAN**<sup>MB740</sup>   