

Facial Recognition System



SEI-0010

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Introduction

- Samsung S1 provides:
- World-Best Facial Recognition Algorithm
 - Enhanced security with ID (1:1 verification)
 - Less rejection from users
 - Speedy verification time and
 - High recognition rate
 - You don't need to be frustrated with password
 - You can be free from the worry of losing keys or illegal duplication of keys
 - You can choose the security level with threshold setting



Features

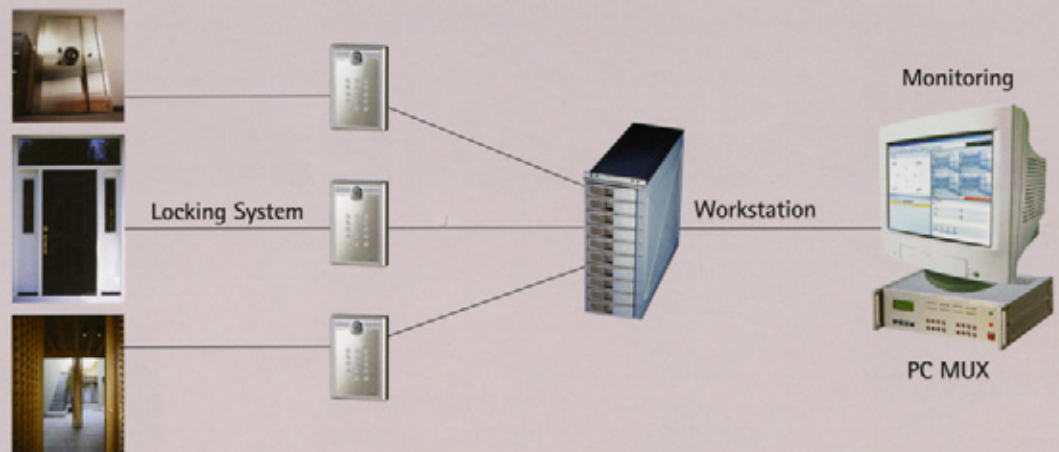
- Easy and Fast Live image Enrollment (within 10 seconds)
- No physical contact
- Intercom function
- Emergency mode
- Control up to 4gates
- Voice Guidance
- Surveillance function by keeping images of any access by Motion Detection

Dimension	158(W) × 45(D) × 232(H)
Components	Vision Gate Unit(H/W) / Vision Gate Software / FrameGrabber (Matrox Meteor-II)
Color	Metallic Silver / Champagne Gold
PC specification	Pentium 800Mhz, 256M Dram or greater (Window NT based Platform)
Equal Error Rate	0.05%
Verification Time	within 0.5 second
Image size	16K bytes (Enrollment image)
Data size	128 co-efficiency(512 bytes)
Log Data	3K bytes in Jpeg / image
DB Capacity	15,000 records (scalable)
Lightening	Min 220~Max 600 LUX

Applications: Access Control for Enterprises, Laboratories, Apartments Security areas of Police, Army, Government

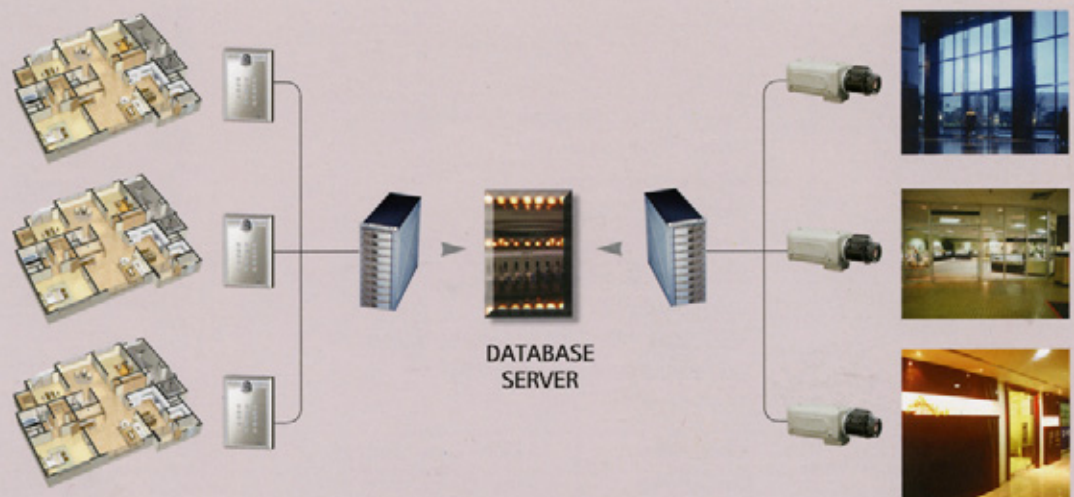
SEI-0010 Network

System Configuration



Network Configuration

If there are several gates in a building, you can manage the Database and Log of them over the network. The server will communicate with the control units to provide DB during the verification. The central server will keep the log file and access images of each gate.



■ Manufacture



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