Face Recognition

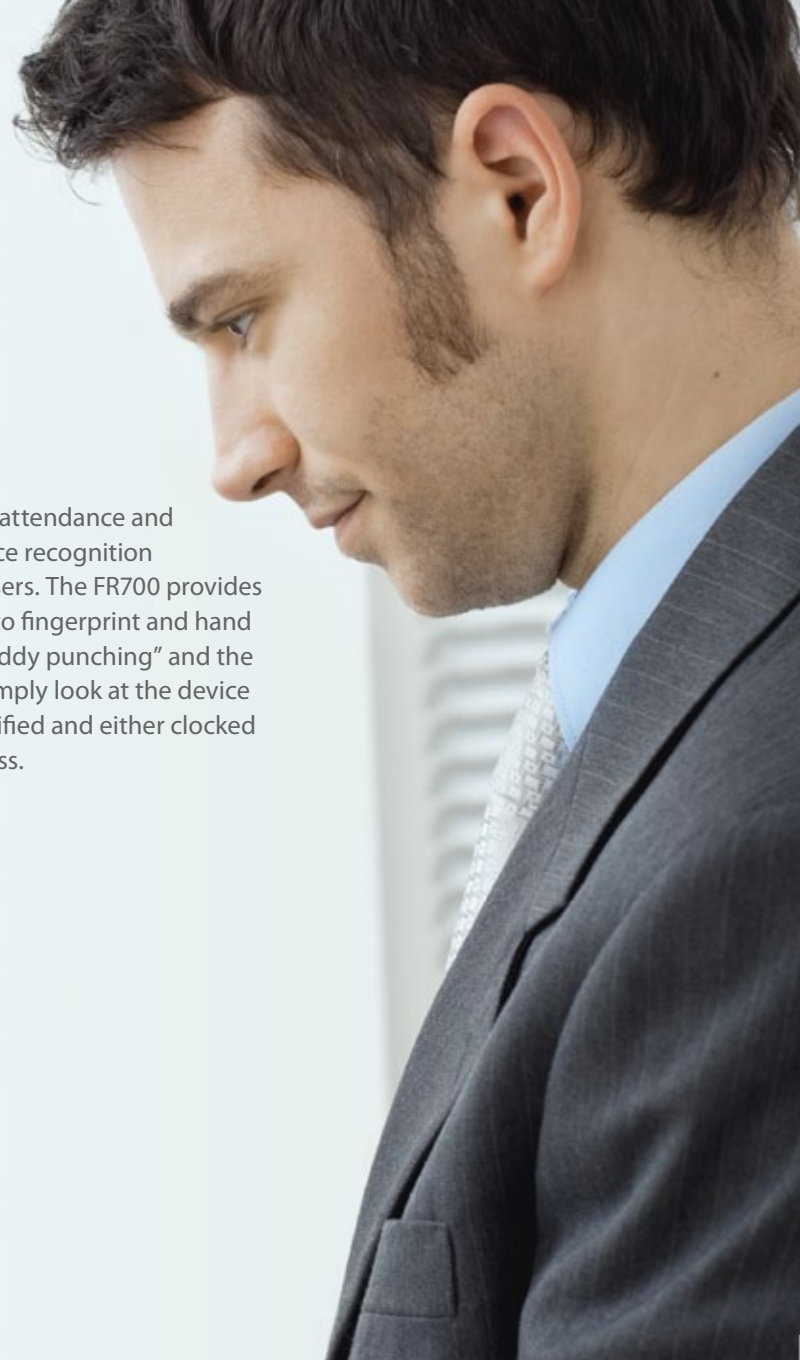## Time & Attendance and Access Control

FaceIN™

LATHEM

Simply look and go.

The FR700 is a complete time and attendance and access control system that uses face recognition technology to instantly identify users. The FR700 provides a touch-free, hygienic alternative to fingerprint and hand readers, while still eliminating "buddy punching" and the need for cards or badges. Users simply look at the device and within seconds they are identified and either clocked in for work or granted secure access.
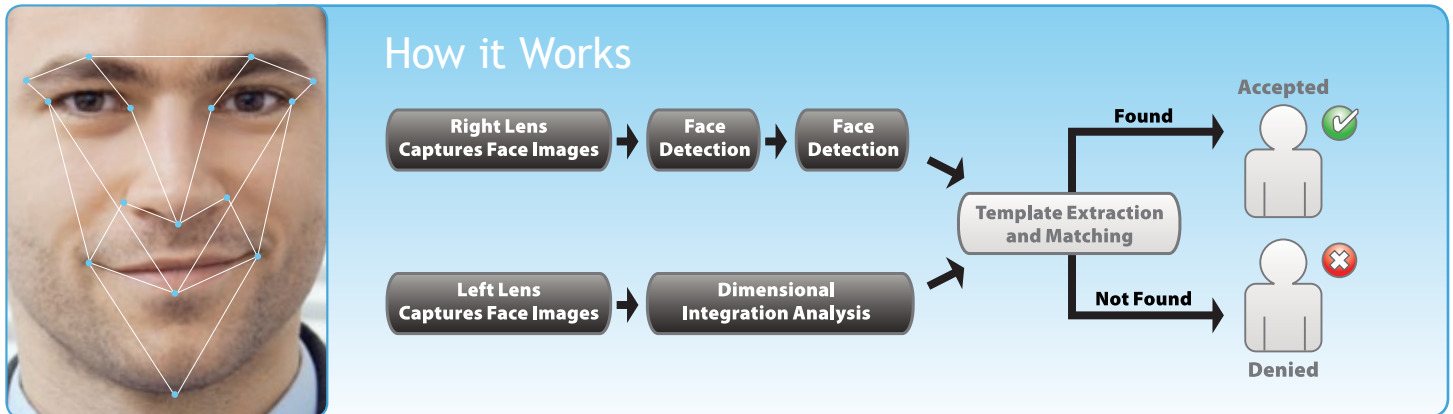
Patented Incline Design

Model FR700: A Comprehensive Face Recognition System

Full Color 3.5" Display

Touch Sensing Keypad

Dual Camera System

USB Flash Drive Port

10:08

Proximity Badge Reader

Access Control Relay

Infrared LED Lights

Ethernet Network Port

Advanced Face Recognition
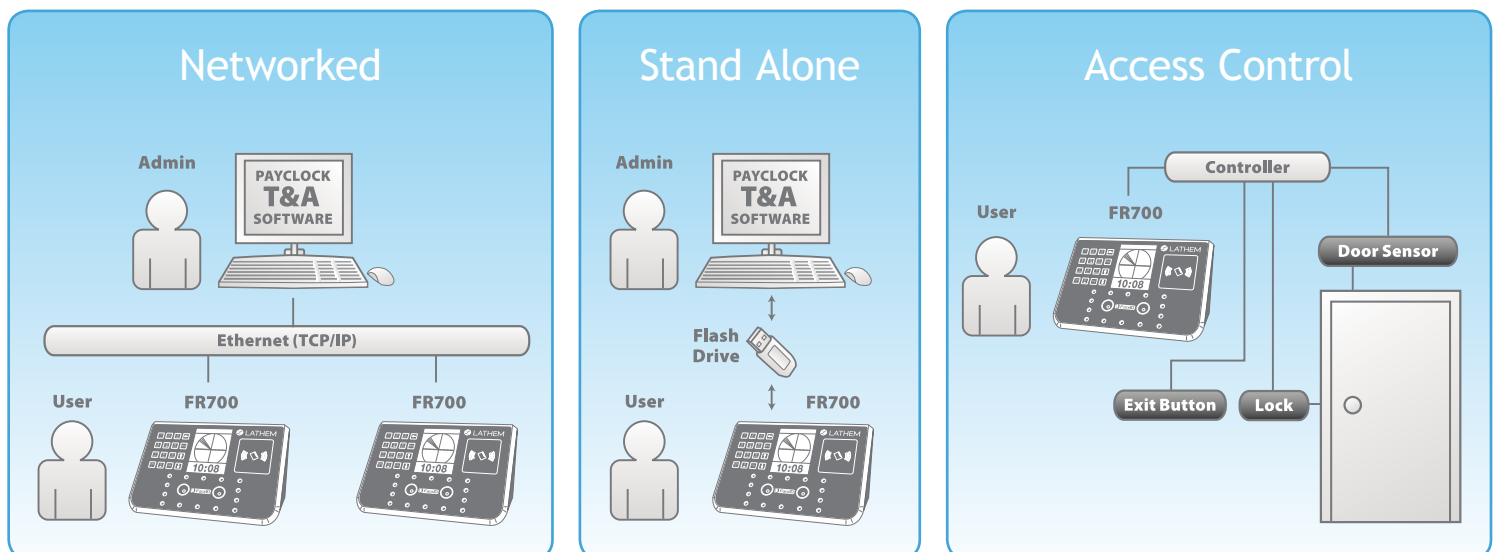
Precision Dual Camera System

The FR700 System uses two infrared cameras that perform three dimensional facial analysis and identification. The dual camera system not only provides the fastest and most reliable verification, but it also ensures that it can't be fooled by 2D images or photographs. This precision 3D verification system is even accurate enough to differentiate between identical twins.

How it Works

Right Lens Captures Face Images → Face Detection → Face Detection

Left Lens Captures Face Images → Dimensional Integration Analysis

Template Extraction and Matching

Found → Accepted

Not Found → Denied

Powerful FaceIN System Features

- Uses fool proof face recognition technology to instantly identify employees

- Provides a touch-free hygienic alternative to fingerprint and hand readers

- Eliminates "buddy punching" and the need for cards and badges

- Uses a standard Ethernet connection to your existing computer network

- Supports up to 500 users per device

- Includes a built-in dry contact relay for optional physical access control

- Includes powerful desktop software for editing, running reports and exporting to most popular payroll software including QuickBooks®
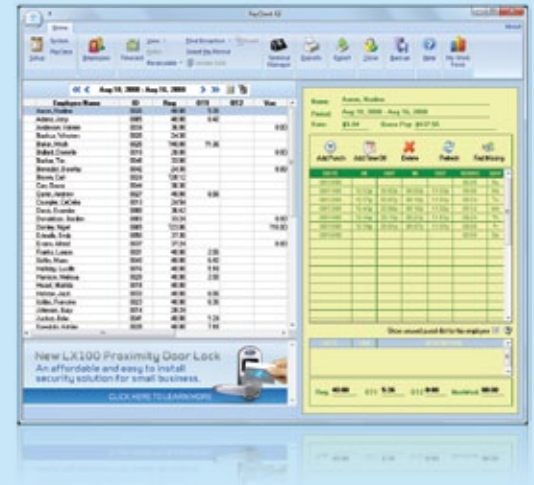
Versatile System Configuration

Networked

Admin

PAYCLOCK T&A SOFTWARE

Ethernet (TCP/IP)

User   FR700   FR700

Stand Alone

Admin

PAYCLOCK T&A SOFTWARE

Flash Drive

User   FR700

Access Control

User   FR700

Controller

Door Sensor

Exit Button   Lock

FR700 Specifications

User Capacity	500 Users (250 User's with V5 software)
Record Capacity	150,000 Time Records
Imaging System	Infrared Dual Cameras
Verification Methods	Face, Badge, PIN & Face, Badge (with image)
Verification Speed	Less than 1 second
Keypad	4 x 4 Touch Sensitive (Capacitive) Keypad
Display	3.5 inch TFT color LCD, 65,000 colors, 320 x 240 resolution
Communications	Standard TCP/IP, USB Host
Power	12V DC, 1A Transformer: 100-240V 50/60 Hz 0.35A
Environment Light	0-5,000 Lux
Sensor Distance	1 – 2.5 feet
Operating Temperature	32°F – 104°F
Operating Humidity	20% – 80% RH Non-Condensing
Size	7.25"W x 5.25"H x 3.5"D
Weight	1.15 lb.
Installation Method	Wall Mount
Image Capacity	70,000 images
Image Memory	4GB SD Card
Badge Reader	EM or Mifare Card
Security Alarm	Tamper Alarm
Output for Access Control System	Standard Wiegand 26/34, Built-in relay

Time & Attendance Software

The FaceIN system includes powerful desktop software for editing punches, running reports and exporting payroll.

System Requirements:

- Microsoft Windows 7, Vista, XP SP 2 or higher, 2008 Server, Standard & Enterprise Server 2003
- A PC with a 500 MHz Pentium processor or better (1GHz Pentium processor Recommended)
- 512 MB of RAM (1 GB Recommended)
- Hard disk with at least 200 MB of free space (500 MB Recommended)
- 256 Color 800x600 or higher resolution display
- Internet Explorer 6.0 or Higher
- 4x CD-ROM or better
- Hi-Speed Internet Connection (for Online Features/Services)
- A dedicated server is recommended for multi-user Systems

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