cloud

Face Recognition

Time & Attendance and Access Control
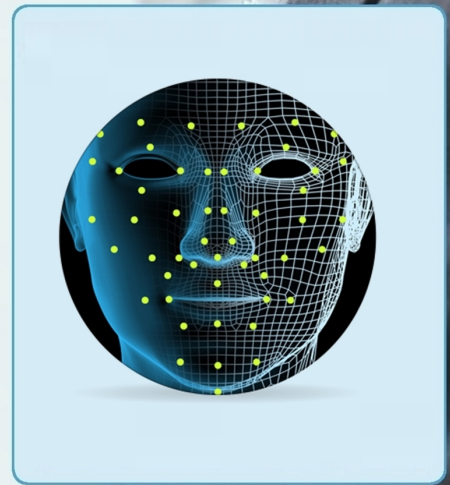
CL-2020

08:00

Cloud

cloud

cloud

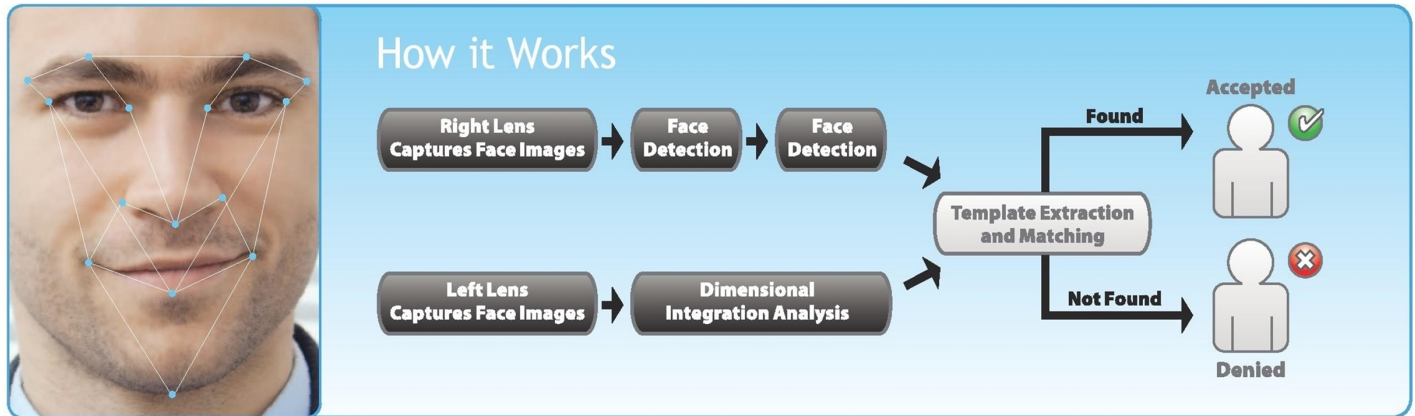## Simply look and go.

Cloud CL-2020

Foolproof. Completely Stops Employee Buddy Punching

Completely eliminates buddy punching that leads to higher labor costs. With CL-2020 time clocks, employees simply look into the time clock display and within seconds they are identified and clocked in or clocked out. CL-2020's dual camera system performs a 3-D analysis of the 60 facial points that are unique to each employee. These groups of facial points are recorded and stored as data algorithms in the time clock. As a result, employee's images are collected only as digitally encoded information, so they cannot be reproduced as a photographic image.
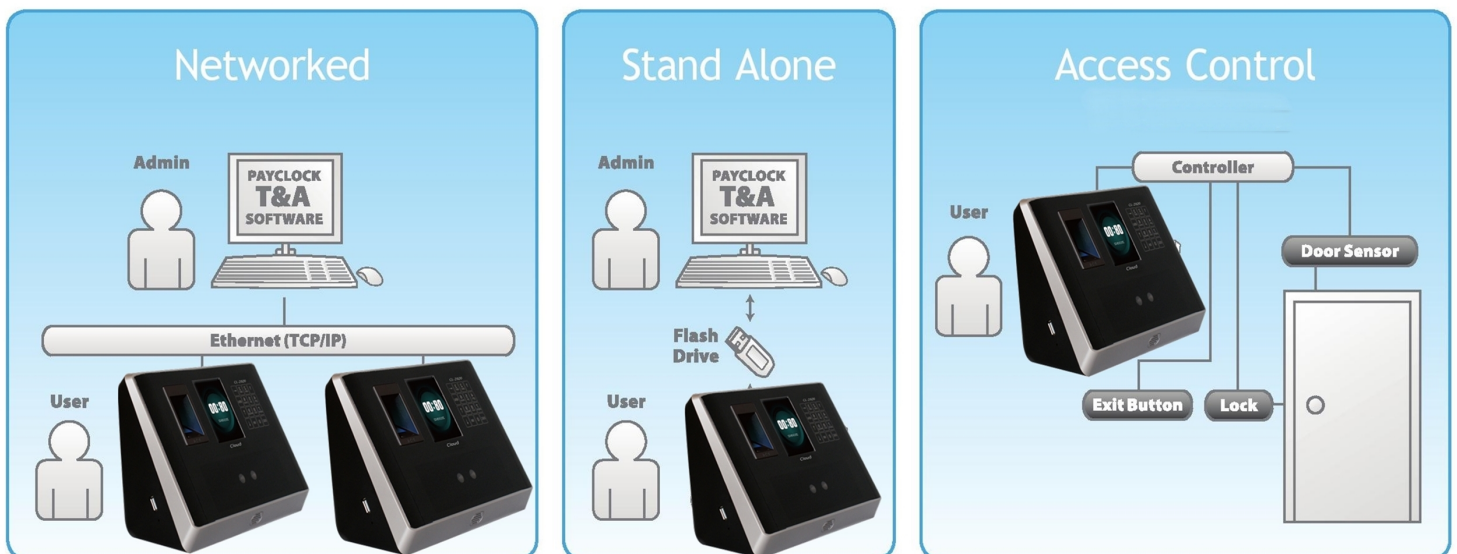
Advanced Face Recognition

Precision Dual Camera System

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 CL-2020 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

Versatile System Configuration

Networked

Admin

PAYCLOCK T&A SOFTWARE

Ethernet (TCP/IP)

User

Stand Alone

Admin

PAYCLOCK T&A SOFTWARE

Flash Drive

User

Access Control

User

Controller

Door Sensor

Exit Button   Lock

CL-2020 Specification

Processor	1 Ghz High Speed Digital Processor
User Capcity	2000 Face - 2000 Finger
Record Capacity	200,000
Security Photo	200,000
Lighting	20,000 Lux
Verification	Face,ID+Face,Card+Face,Card/Face, Face+Finger, Finger, Card, Card+Photo,ID+Pin
Performance	FAR<0.001% FRR<1%
Speed	Less than 1 Second
Sensor	Specilized Dual Sensor
RFID	Standard EM, Optional Mifare
Communication	Wifi, TCP/IP, USB Host, Wieguard Output, Pust to Server
Attendance	Photo ID\Schduled Bell\Work, Status\Workcode\Daylight Saving
Security	Relay Output/Door Sensor/Exit Button/Door Sensor Alaram/Rejection Alaram
Display	3.5 inch TFT Screen
Keypad	4*4 Touch Keypad
Power	12V DC
Working Distance	30cm-80cm
Working Temperature	0 C - 40 C
Working Humidity	20% - 80%
Certification	CE FCC Class A ROHS