

Green
Label

Introduction Guide



MAKE YOUR LIFE SPARKLE WITH BIOMETRIC INNOVATION



Introduction Guide

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ZKTeco Introduction

ZKTeco, founded in March 1998, is the globally leading enterprise of hybrid biometric verification technology, and has been for consecutive years selected as Top 10 Security Brands in China, and Top 10 National Brands in China. ZKTeco business covers various security and time management products and solutions, including time & attendance, access control, visitor management, carpark management, elevator control, video surveillance and smart locks etc. For years, ZKTeco has been experienced and innovating in the development and production of hybrid biometric verification technology, and owns the most patents and intellectual property rights registrations. ZKTeco is always promoting the development of hybrid biometric verification technology, and applies the technology to smart office, smart finance, smart traffic, smart security etc., and has been the first enterprise to provide comprehensive entrance management, car entrance management and freight inspection solutions. Today, ZKTeco owns the largest global service network in the industry, our businesses and partners are widely distributed all over the world, and there are more than 22,000,000 users daily in 180 countries and regions daily. ZKTeco is always striving to satisfy the needs of our clients, our branches offices have been located in more than 20 countries and regions, and we are expanding and exploring new markets. To provide the best user experience to clients, this is what ZKTeco always does.

50+ Global Branch Offices

20+ Global Exhibitions

3500+ Global Signed Clients



Almost 1000 R&D engineers



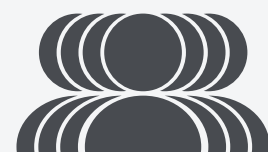
More than 500 sales people



More than 200 foreign employees



More than 500 technical consultants



More than 1000 workers



History

Timeline

1998

ZKTeco founding team release its in-house developed fingerprint algorithm ZKFinger2.0, which are widely applied to PCSecurity and identity authentication field, and strives for the development of independent face recognition algorithms, fingerprint verification techniques in applications of identity card, as well as has started its exploration in biometric verification professions.



2002

Applied a 7,000,000 Shanghai Citizen Card Fingerprint Project, Provided fingerprint verification technology for more than 7,000,000 citizens, and has been the most authorized core technology provider in the field

Released ZKFinger 3.0 SDK



2007

Launched iClock series, the TFT time & attendance management products, which lead fingerprint verification industry to a new TFT era

The advancement of fingerprint products with the high-performance Wi-Fi and GPRS communication technology has initiated the new generation of wireless security control and time management



2011

Launched BioCam100, the First-in-the-World embedded face recognition camera

Launched InBio series, the First-in-the-World fingerprint access control panel

Established branch offices in Dubai, Thailand and Mexico



2013

ZKTeco established manufacturing centre for various products of entrance security and parking management



2015

Released ZKTime.Net 3.0, a new generation of time & attendance management software

Announced the opening of ZKAccess, the new independent security division in US



1999

ZKTeco announces it will enter the industrialized civil market of biometric verification technology in a press conference co-held with Identix from USA in Shanghai, and released V20 access control device and computer protection product Biologon



2004

Released a series of fingerprint products and modules, including F4, the first fingerprint access control device
Becomes an international OEM provider for fingerprint products



2009

In 2009, ZKTeco launches the facial recognition algorithm ZKFace3.0, embedded hybrid biometric verification development tool ZEM600 Series, and face and fingerprint hybrid verification time attendance terminal. Dongguan Industry Base and subsidiary in U.S. are established.



2012

ZKTeco launched the first multi-biometric algorithm integrated with fingerprint, face, iris and vein recognitions



2014

ZKTeco launched the first-in-the-world face identification door lock and established Xiamen Software Centre



2016

Released X-Ray series inspection series and officially approved by the Ministry of Public Safety China

Established Security Research and development Center in Italy

Established branch office in the UK



What is Green Label

Green Label, a premium product line by ZKTeco, focuses on offering high-end Time & Attendance, Access Control and System Integration products with maximum security, nice user experience and ultimate convenience. With technical advancements including Visible Light Facial Recognition, SilkID Fingerprint Verification and improved hardware and software, Green Label enables truly one-Stop and customizable solutions of entire systems including 3rd party system integrations. With ZKTeco as a leading global security and time & attendance solution provider, you enjoy our strong sales and aftersales supports, global sales channels with more than 30 overseas branches, strict price structures, and maximum price and tender protection.

ZKTeco Green Label Series, your only optimal choice of top-notch Security and Time & Attendance Solutions.



Why Green Label ?

Cutting Edge Biometric Technologies

Visible Light Facial Recognition Technology

- Proactive Facial Recognition
- New Height of Anti Spoofing
- Speedy Recognition (in 0.5 second)
- Wide Pose Angle Acceptance (+/-30degree)
- Touchless for better hygiene



SILKID Fingerprint Technology

- Operability under strong sunlight
- Anti-spoof detection capability and superior image quality
- FBI/ISO standard fingerprint templates
- Eco-friendly and power saving



Hybrid Biometric

- High Standard of Security Level, cross check between different biometric recognitions
- Providing various biometric options & RFID in single device



End-to-end Solution

- Providing entire security systems from hardware to software
- Own factory for manufacturing ZKTeco's products from PCB to biometric modules to final product.
- Over 500 software engineers for security system development including software, firmware and UI etc.





Open for Customization

For most enterprise-grade end users with special requirements and needs, in order to provide better solutions, ZKTeco opens up our solution products for customizations:



- Hardware and firmware
- User interface
- Special software / hardware add-on functions
- 3rd Party system integration & Database Mapping

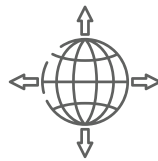
Extra long Warranty period and product life cycle

- 36 months hardware warranty
- 12 months software warranty
- 12 months free software upgrade service
- At least 5 years hardware life expectancy (guaranteeing that hardware will not be discontinued in 5 years from purchase)
- All Green Label faulty devices have the priority right to be repaired



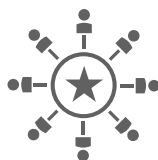
Global Sales Channel

- Over 30 overseas branches to help our partners to provide global aftersales services to their international-enterprise clients
- Global Connection to share with our partners helping them to deploy our system easily



ZKTeco Brand Awareness

- World's biggest biometric solution provider
- Deployed our solution to more than 35% of the Fortune 500 enterprises
- Industry Leader, as a Founding member of CBA (Chinese Biometric Association) and SEABA (South East Asia Biometric Association), Thailand Biometric Association, India Biometric Association & member of FIDO

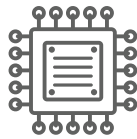




One-stop Solution Provider

- Providing one stop solution from hardware to software and accessories
- Providing solutions including access control, time and attendance, entrance control, Security inspection, car park management, hotel management, video surveillance and AI analysis.
- Supports almost all types of RFID card formats

Hardware Advancement



- Higher storage capacity up to 50,000 Facial templates, 40,000 fingerprint templates and 100,000 records in a single standalone device
- Innovative Visible Light facial technology, which offers an outstanding performance of facial recognition of all kind of facial conditions, with make-up, glasses, hat, etc
- The latest high speed CPU boost up the biometric recognition speed to less than 0.5 seconds
- Providing varies biometrics (Facial, Fingerprint, Palm, Vein & Iris) and other recognition such as, RFID, UHF, QR code, barcode, Pin and smartphone
- Visible Light Facial recognition terminal provide adjustable biometric parameter for end user to adjust security level among different deployed areas
- Supports mobile snap shot facial registration with anti-spoof function

Software Advancement:



- Provides all web-based software, which greatly enhanced multi-person management experience
- Supports add-on High-Availability function, greatly enhancing system stability and security level
- Supports HTTPS protocol for a stable and secure communication
- United and neat UI design, easy for new comers to pick up operation

Customer Oriented Marketing Strategy

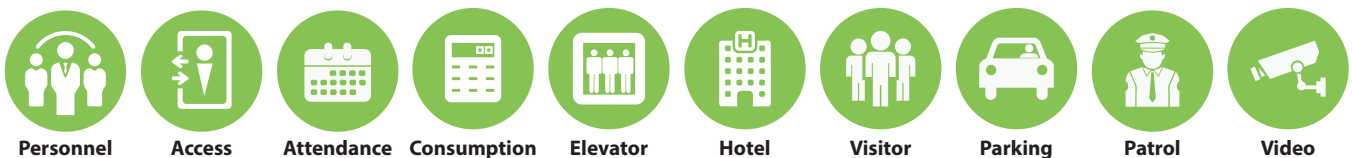


- Globally standardized policies with strict price structure and approval system to eradicate online sales
- The project-registration policy offers the maximum price and tender protection to the Green Label Client
- All software are controlled by paid-license

Software & Solution



"All-in-One" Web-Based Biometric Security Management Platform



Personnel

Access

Attendance

Consumption

Elevator

Hotel

Visitor

Parking

Patrol

Video

ZKBioSecurity is the ultimate "All-in-One" web based security platform developed by ZKTeco. It contains multiple integrated modules: access control, elevator control (online/ offline), visitor management, guard patrol, hotel module, T&A, consumption, parking and video linkage. With an optimized system architecture designed for high level biometric identification and a modern user-friendly GUI, ZKBioSecurity provides the most advanced solution for a whole new user experience.

Latest Compatible Software Version: ZKBioSecurity 3.1.5.0

*Please login to : https://www.zkteco.com/en/product_detail/ZKBioSecurity.html for more information

Features:



LPR Camera for Parking



All-In-One Biometric Security Solution



Extra Large Doors Management Capacity



Time & Attendance



Email Notifications



Data Auto-Backup Function



Support ONVIF Surveillance Device



Global Anti-Passback and Linkage



Web-Based Platform



Flexible Card Format



Online Guard Patrol Feature



Simple User-Friendly UI



Flexible Verification Modes



Door Activation or Deactivation



Time Zone Settings for Exit Button and Auxiliary Input



Hotel Module



Offline Elevator Control

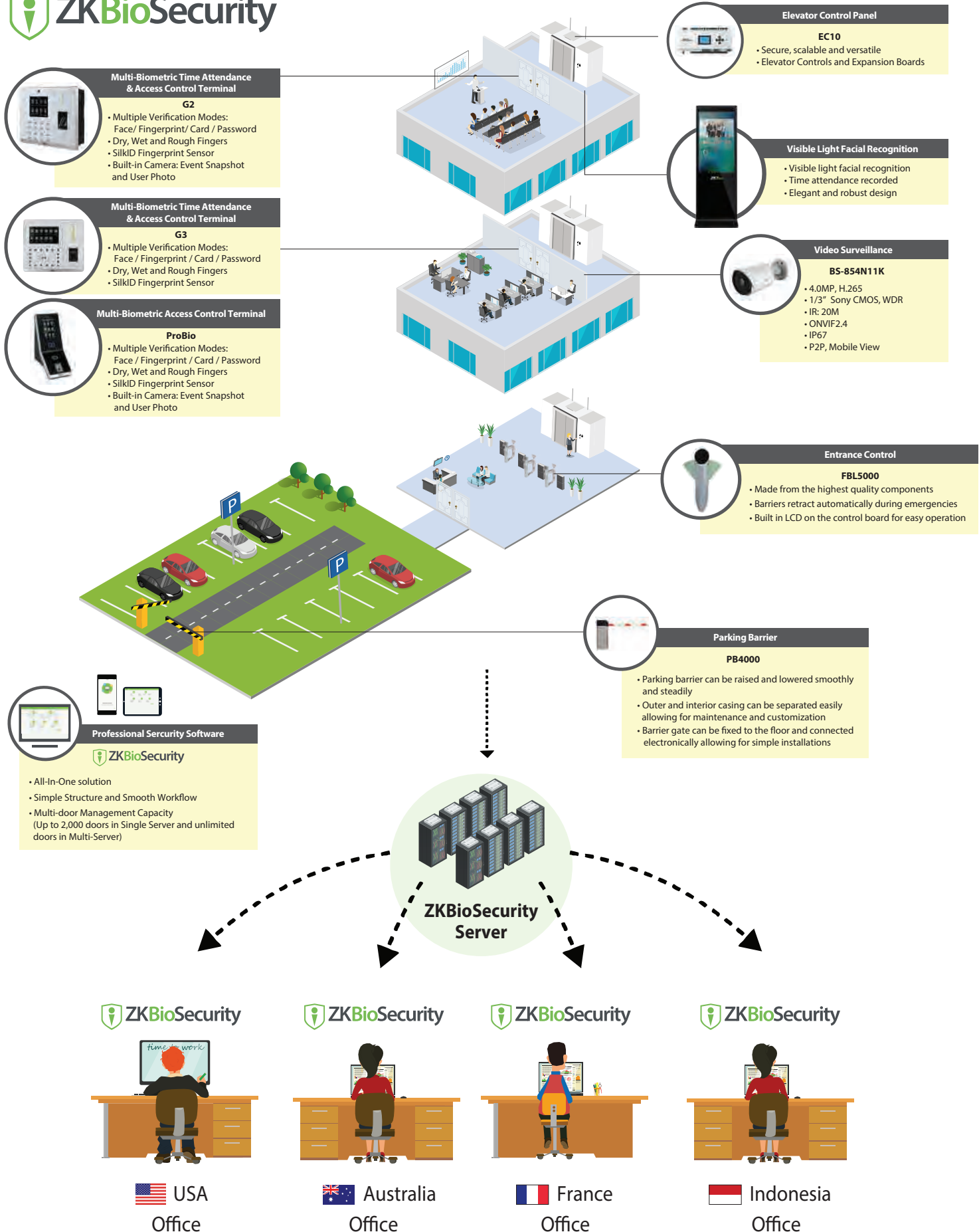


Mobile APP

- Global Scale All-in-One Web-Based Security Platform.
- Supports thousands of doors and T&A terminals.
- Reliable and high speed industrial grade encrypted communication.
- Advanced Access Control Functions (Global Linkage, Global Anti-Passback, Global Interlock, etc..).
- Supports ZKBioHA high availability system, to ensure 24/7 continuity system operation.
- Compatible with 3rd party IPC/ NVR/ DVR via industry standard Onvif.
- Automatically scheduled Data Backup.
- Alarms and Events Notification (system monitor, email, SMS).
- Thorough and detailed system log monitoring system.
- Supports Multi-modal biometric authentication (Fingerprint, Face, Finger Vein) and various PROX card formats (EM, Mifare, HID, Desfire etc..).
- Supports Card Printing with 3rd Party card printer.
- Supports Multi-location management.
- ZKBioSecurity Mobile App supports iOS and Android platform.

All-In-One Diagram

"All-in-One" Web-Based Biometric Security Management Platform





ZKBioSecurity is the ultimate "All-in-One" solution which offers a complete security management platform, it comes with 10 integrated modules.

- | | | | |
|----------------------|---------------------------|-----------------------|-----------------------|
| 1) Personnel | 4) Consumption Management | 7) Visitor Management | 10) Video Linkage |
| 2) Access Control | 5) Elevator Control | 8) Parking System | 11) System Management |
| 3) Time & Attendance | 6) Hotel Management | 9) Patrol | |

Personnel

Personnel primarily consists of two parts: Department Management settings, which is used to set the Company's organizational chart; and Personnel Management settings, which is used to input personnel information, assign departments and sub-departments (more than 10 levels), maintain and manage personnel information and setting.

Access Control

Access Control is a web-based management system which enables advanced access control functions, management of networked access control panel and standalone devices via computer, and unified personnel access management. The access control system sets door opening time and levels for registered users.

Time & Attendance

As an "All in One" security platform, the ZKBioSecurity contains a web-based time attendance module. Administrators can manage the Time Attendance anywhere once they can access to the Internet. Moreover, this is an powerful Time Attendance system, which can handle most of the complicated time attendance circumstance, such as, flexible shifts, multi-level OT, cross day shift and online leave application with multi-level approval.

Consumption Management

ZKBioSecurity consumption is a desktop-based restaurant management software module designed to offer restaurants all necessary and useful tools to speed up service and increase efficiency of operation. The customizable options offered in the system is ideal for any restaurant type including fine dining restaurants, bistros, fast food chains, cafes, bars, etc. ZKBioSecurity consumption module helps staffs to complete their tasks efficiently in line with their operational style and business.

Elevator

Elevator Control is designed to control the elevator access authentication, to manage access rights (using RFID card, Fingerprint, and other biometric technology) to different floors and supervise elevator events. Administration can set floor level for the registered user and interact with the access control module to achieve the one stop management purpose. Only the authorized users can access to certain floors and doors within a period of time after being authenticated.

Hotel Management

Provides hotel service management functions covering check-in, overstay, check-out, rate settlement, and lock setup and management.

Visitor

Visitor Module is a web-based management system that implements entry registration, exit registration, snapshot capturing, visitor quantity statistics, reservation management and shares information among registration sites. Integrated with the access control and elevator control module, it is used at the reception desks and gates to manage visitors.

Parking Management

Automatic and intelligent vehicle management effectively and accurately monitors and manages vehicles at all exits and entrances.

Guard Patrol

The Online Guard Patrol module is the new cost-effective way to accomplish guard patrol management. ZKBioSecurity can utilize the access control readers already in place as guard patrol check point readers. ZKBioSecurity terminals and readers boast biometric technology for added security. No additional equipment is required for the guard to carry.

Video

For high-level security demand, a video surveillance management platform is essential to most of the premises. ZKBioSecurity provides a video surveillance module which supports real time video and query video records, real time video pop-up alert when linkage event occurs. Moreover, this module can integrate with 3rd party cameras through private protocol and ONVIF. This module can also interact with other ZKBioSecurity modules such as access control, visitor, patrol, parking and hotel management.

System Management

System Management is designed to assign system users, configure the corresponding modules, manage the database, set system parameters and manage the system operation logs.



Software & Solution

Web-Based Multi-Location Centralized Time Management Solution



Automatically transferring transactions to the server



Easily manage hundred of T&A devices under complex network (LAN/WAN/GPRS/3G/VPN)



Multiple administrator who can access the web-based system



Easy to set Timetable and Shift
Easy to assign Schedule
Easy to generate Report

Features



Web-Based Time Attendance Software



Flexible and Smart Shift Scheduling



Employee Self-Service



E-mail Alert for Approval Request



Auto-Synchronization of Biometric Templates by Area



Multiple Admin Privilege



Multiple Approval



Real-Time Monitoring



Attendance Calculation and Reports



Supports Multiple Languages



Easy Integration with API



Mobile Application



BioTime 8.0

Web-Based Time & Attendance Management Software

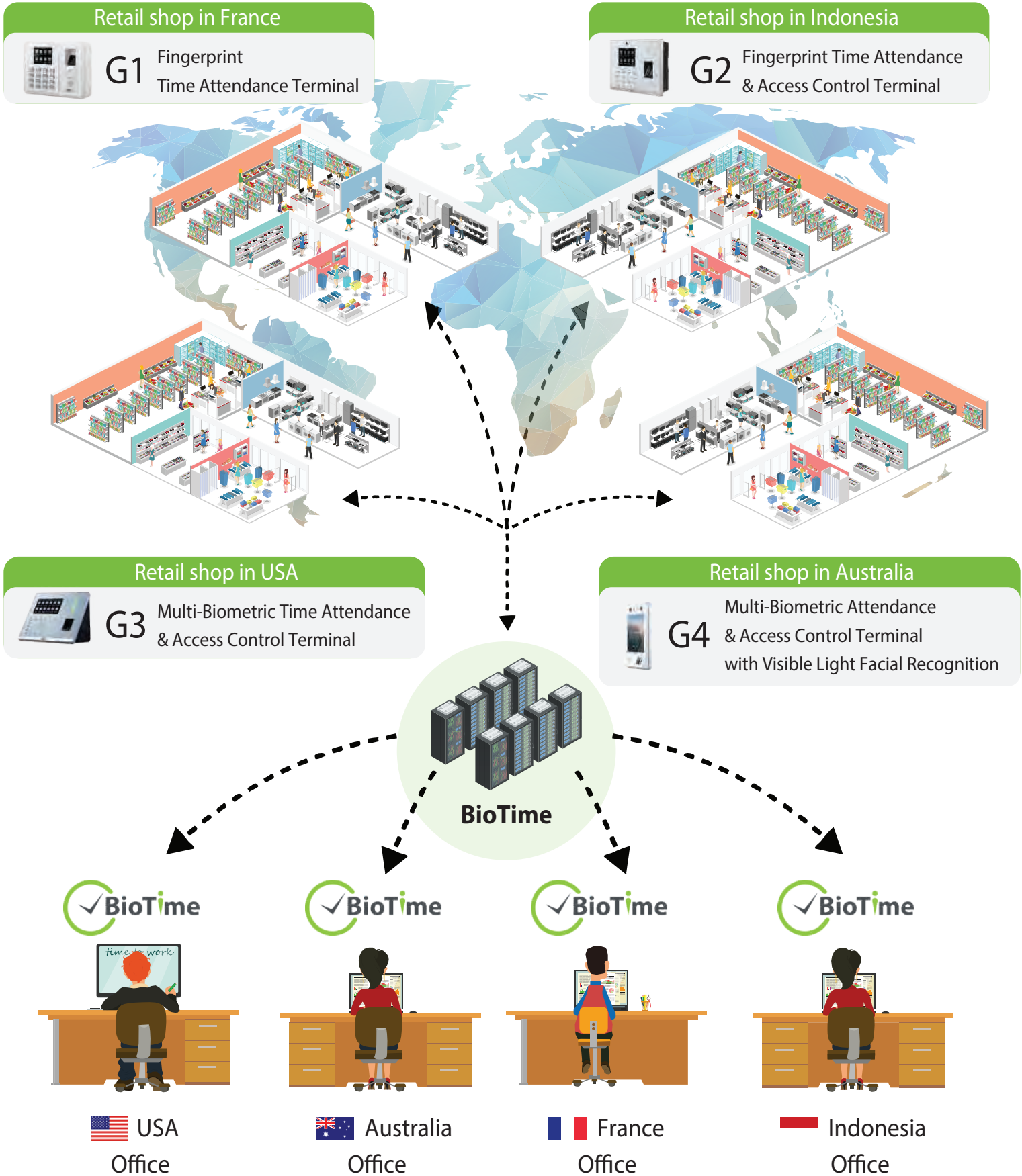


BioTime 8.0 is a powerful web-based time and attendance management software that provides a stable connection to ZKTeco standalone push communication devices by Ethernet/Wi-Fi/GPRS/3G and working as a private cloud to other employee self-service by means of mobile application.

Multiple administrators can access BioTime 8.0 anywhere using a web browser. It can easily handle hundreds of devices and thousands of employees and their transactions.

BioTime 8.0 comes with a friendly user interface that is able to manage timetable, shift and schedule and can easily generate attendance report.

Web-Based Multi-Location Centralized Time Management Solution





Enhanced Visible Light Facial Recognition is the latest technology of ZKTeco, aimed to overcome shortcomings of previous facial recognition and achieve an all-rounded upgrade on whatever performance and reliability. Facial Recognition has been considered as one of the rising biometric technologies and many are optimistic about its development in the future. However, the technological incapability of facial recognition has also been exposed along with the increasing usage in our daily life, mainly in the ability of anti-spoofing, threshold of processing power, environmental restriction on light source and pose of angle.

Therefore, this is precisely what the Enhanced Visible Light Facial Recognition developed for and the key to this breakthrough would be incorporating advanced technology. Visible light recognition is adapted to fill up those three technological incapacities as aforesaid and has been passing through a continuous training to keep enhancing its performance.



Product Introduction : What is Visible Light Facial Recognition

Enhanced Visible Light Facial Recognition is the latest technology of ZKTeco, aimed to overcome shortcomings of previous facial recognition and achieve an all-rounded upgrade on whatever performance and reliability by using advanced technology. Facial Recognition has been considered as one of the rising biometric technologies and many are optimistic about its development in the future. However, the technological incapability of facial recognition has also been exposed along with the increasing usage in our daily life, mainly in the ability of anti-spoofing, threshold of processing power, environmental restriction on light source and pose of angle.

Therefore, this is precisely what the Enhanced Visible Light Facial Recognition developed for and the key to this breakthrough would be incorporating advanced technology which is adapted to fill up those three technological incapacities as aforesaid and has been passing through a continuous training to keep enhancing its performance.

Performance on practical applications

The Enhanced Visible Light Facial Recognition is rather an all-rounded upgraded version on previous facial recognition technology, not only qualified for general applications, it is also competent for advanced recognition task under a dynamic environment. Especially for its cutting edge anti-spoofing function, any business with high level of security needs will only find it a more reliable technology over the rest.



Product Specifications



G4

- Proactive Facial Recognition
- New Height of Anti-Spoofing
- Speedy Recognition
- Wide Pose Angle Acceptance
- Touchless for Better Hygiene

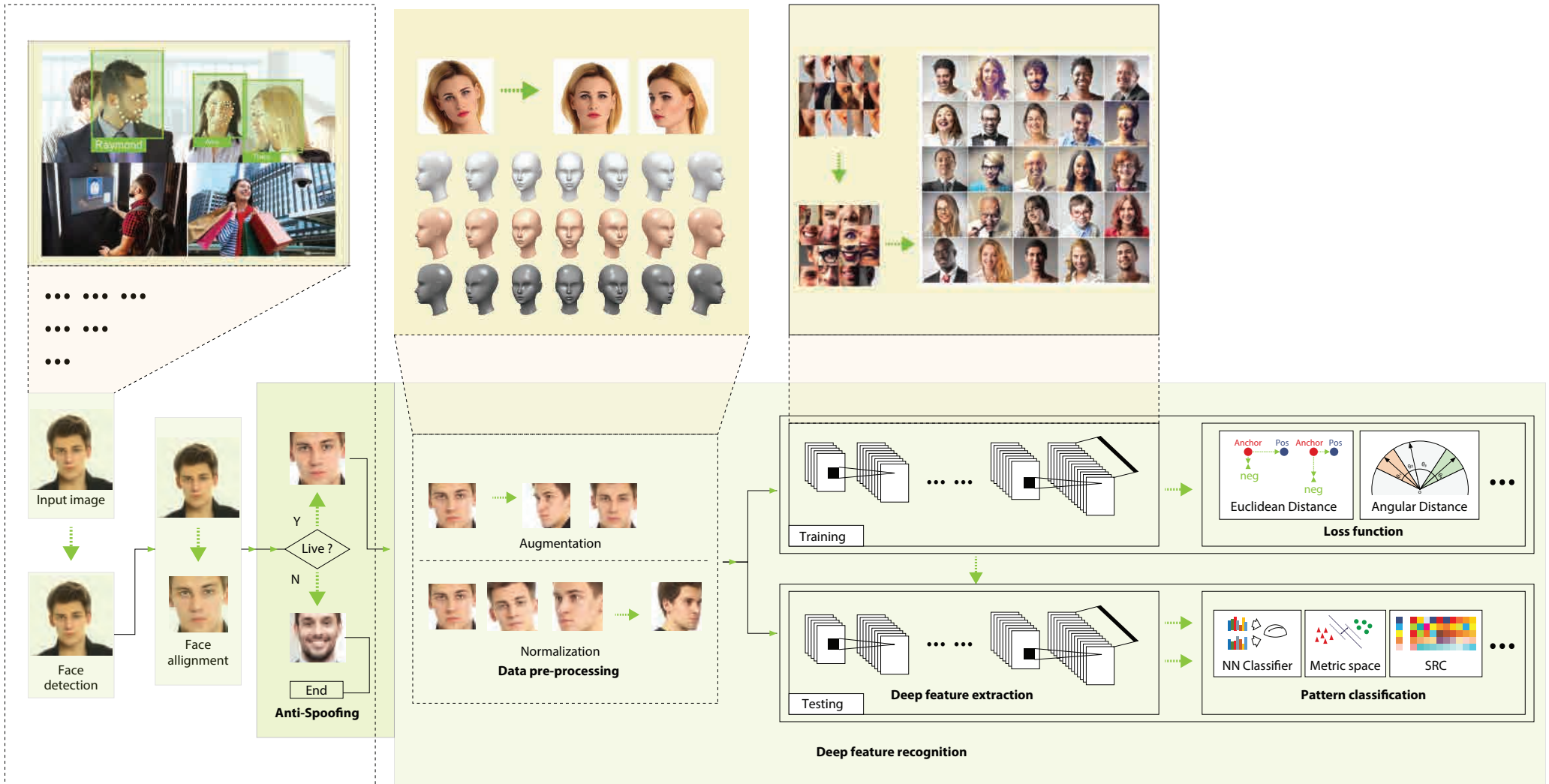
ZKBioSecurity



ZKBioSecurity Software

- All-In-One solution
- Multi-door Management Capacity
- Simple Structure and Smooth Workflow

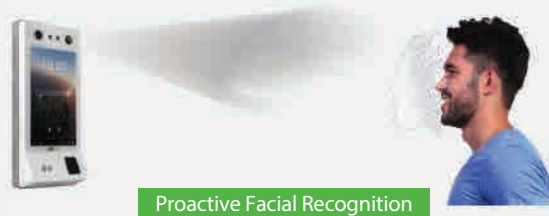
Step through the enhanced Visible Light Facial Recognition



Strength and Key feature of Visible Light Recognition

Strength 1 Proactive Facial Recognition

With the applied advanced technology and algorithm, Anti-spoof function has been greatly enhanced and is able to prevent fake faces, photos and video attacks, which is benefited from the power of visible light recognition which is trained up to conduct liveness detection by learning differences as lighting, texture and resolution.



Opening doors without standing in front of the camera

With the newest visible light recognition technology, if users would like to get access to the authorized area, they are no longer required to get close to the terminal and stop by for recognition, as the system is able to automatically recognize and track faces in video.

Auto-recognizes Everyone

This cutting-edge technology can recognize multiple persons in one single frame, and greatly enhanced the recognition distance to 3 meters (no need to que up)



Strength 2 New Height of Anti-Spoofing

Visible Light Recognition is a proactive facial recognition device, users no longer need to stand steadily in front of camera. When users pass through the specific area, they are possibly recognized automatically.



Anti Fake Video Attack

Visible Light Recognition is introduced to against intruders using fake videos to access the specific area, it is trained to identify differences between living human face and human face played in a video in terms of texture and resolution, consequently video attack can also be defended.

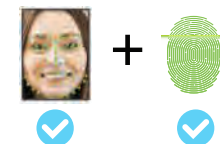


Enhancing Anti-spoofing Standard with Multiple Biometrics

Visible Facial recognition System supports two-factor authentication of users to enhance security level. E.g. Users are only allowed to perform fingerprint / palm print verification progress to open doors upon successful authentication by the System, thus in full aspects improving safety level and satisfying complete security standard.

Anti-Fake Photo Attack

Anti-spoofing disallows intruders to cheat the system into granting entrance to a building to an unauthorized visitor by using the fake photo, this recognition can separate real persons and photos, thus disabling intruders to access the locked area of building.



Strength 3 Speedy Recognition

The visible light facial recognition is way faster than the previous near Infrared facial recognition, and the recognition distance has been greatly extended up to 3 meters long, which significantly improves maximum traffic rate.



Ultra-fast real time Less than 0.6 Second

The most advanced face recognition algorithm enabling industry-leading quick face recognition with less than a second.

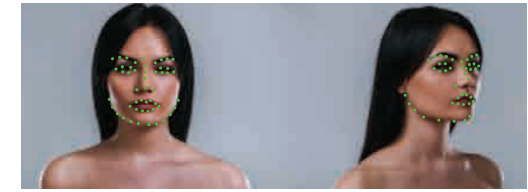
High speed processing time

Due to the low processing size of the image, visible light facial recognition provides a 3 times faster processing time than the traditional IR facial recognition.



Strength 4 Wide Pose Angle Acceptance

As the visible light recognition is applied, the terminals now have true cognition of faces, which enables larger pose angle acceptance by applying 3D rendering.

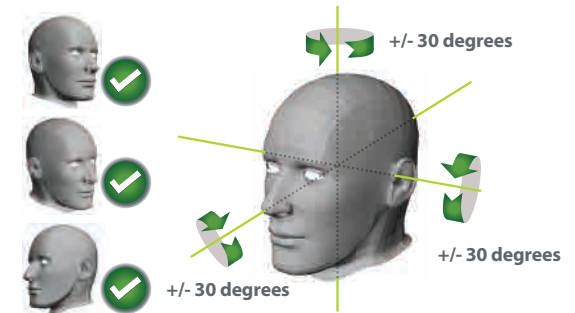


Wide pose angle acceptance

Visible light recognition technology enriched the pose angle of the recognition up to 30 degree in all angles such as pitch, row and yaw.

Extra wide angle recognition (+/- 30 degrees)

While most of algorithms only support 15-degree angle facial recognition, ZKBioFace supports 30-degree angle facial recognition.



Make-up, glasses and different styling acceptance

Delighted by the advanced technology, the recognition technology now able to recognize human from the fundamental pixel level, which greatly enlarged the tolerance of make-up, glasses and styling.

Strength 5 Touchless for Better Hygiene

Visible light facial recognition is a touchless biometric solution, which prevents diseases spread out through dirt.

Touchless & Hygiene

In certain scenarios such as clinic, hospital, construction site, factory, etc, where have a relatively high hygiene level, a stable and reliable facial recognition technology will be needed for opening door, time attendance, opening gate. With the great convenience of this technology, staffs only need to walk straight thought and after the system matched the face and data, the door will be opened automatically.





Product Introduction

Green Label Series





Product Introduction

Green Label Series

G4

Multi-Biometric Attendance & Access Control Terminal with Enhanced Visible Light Facial Recognition

- Revolutionary SilkID FingerPrint Sensor
- Proactive Facial Recognition
- Wide Pose Angle Acceptance
- Enhanced Visible Light Facial Recognition
- New Height of Anti-Spoofing
- Touchless for Better Hygiene
- Multiple Verifications: Face/ FingerPrint/ Card/ Password
- Speedy Recognition



G3

Multi-Biometric Time Attendance & Access Control Terminal

- Modern Design & Interactive UI
- Revolutionary SilkID Fingerprint Sensor
- Simple Management & Scalabilit
- Multiple Verification Modes: Face / Fingerprint / Card / Password
- Outstanding Performance With Dry, Wet and Rough Fingers



G2

Fingerprint Time Attendance & Access Control Terminal

- Modern Design & Interactive UI
- Revolutionary SilkID Fingerprint Sensor
- Simple Management & Scalability
- Multiple Verification Modes:
- Fingerprint / Card / Password
- Outstanding Performance With Dry, Wet and Rough Fingers



InBio Pro Series

IP-Based Biometric Access Control Panel

- Truly Internal Biometric Identification
- Advanced Access Control Built-In
- More than Door Control, Can Be Functioned As Lights, Alarms And Intrusion Detection Panels



EC10

Elevator Control Panel

- Secure, Scalable And Versatile
- Elevator Controls And Expansion Boards





Product Introduction

Green Label Series

InBio Pro Series IP-Based Biometric Access Control Panel

- IP-based terminal, supports either standalone or network deployment
- IP67 waterproof design, suitable for indoor or outdoor applications
- Full access control features



ProID Series Physical Access Readers

- LED light and touch keypad.
- On-site adjustable Wiegand output (26 or 34 bits).
- Waterproof design suitable for indoor or outdoor applications.
- Black or white color available.



ProBio Multi-Biometric Access Control Terminal

- Revolutionary SilkID Fingerprint Sensor
- Multiple Verification Modes:
Face / Fingerprint / Card / Password
- Outstanding Performance With Dry, Wet And Rough Fingers



Inpulse+ Finger Vein Standalone Access Control Terminal

- Modern Design And Interactive UI
- High Security Finger Vein Recognition
- Multiple Verification Modes: Finger Vein / Card / Password
- TFT-LCD Color Touch Screen
- Simple Management And Scalability



Green Label Hardware Selection Guide

V4.0, 2019-8-1

ZKTeco has an extensive Time management & Access Control hardware and software products range. This selection table assist you to compare all Green Label products against different requirements. Once you have any further questions, please email us at GL@zkteco.com for detailed discussions.

✓ = Available

✗ = Not available

● = Optional

A = Available Upon Customization


| MODEL FEATURE | METHOD | | | | | | | | | | | |
|-----------------------------|------------------------|--------------|--------------|------------------------|------------------------|------------------------|--------------|--------------|--------------|--------------------|------------------------|--------------------|
| | Fingerprint | Face | Vein | Card | | | | | | | Password | |
| | | | | ID | MIFARE | MIFARE DESFire | HID Prox. | HID iCLASS | LEGIC | ZK Encryption Card | | |
| TIME ATTENDANCE | | | | | | | | | | | | |
| G1 | ✓ | ✗ | ✗ | ✓ | ● | A | A | A | A | A | ✓ | |
| G2 | ✓ | ✗ | ✗ | ✓ | ● | A | A | A | A | A | ✓ | |
| G3 | ✓ | ✓ | ✗ | ✓ | ● | A | A | A | A | A | ✓ | |
| G4 | ✓ | ✓ | ✗ | A | ✓ | A | A | A | A | A | ✓ | |
| ACCESS CONTROL | | | | | | | | | | | | |
| inPulse+ | ✓ | ✗ | ✓ | ✓ | ● | A | A | A | A | ● | ✓ | |
| inPulse | ✗ | ✗ | ✓ | ✓ | ● | A | A | A | A | ● | ✓ | |
| ProBIO | ✓ | ✓ | ✗ | ✓ | ● | A | A | A | A | ● | ✓ | |
| ProFAC | ✗ | ✓ | ✗ | ✓ | ● | A | A | A | A | ● | ✓ | |
| ProCapture-T | ✓ | ✗ | ✗ | ✓ | ● | A | A | A | A | ● | ✓ | |
| ProCapture-WP | ✓ | ✗ | ✗ | ✓ | ● | A | A | A | A | ● | ✓ | |
| ProCapture-X | ✓ | ✗ | ✗ | ✓ | ● | A | A | A | A | ● | ✓ | |
| ProRF-T | ✗ | ✗ | ✗ | ✓ | ● | A | A | A | A | ● | ✓ | |
| ProRF | ✗ | ✗ | ✗ | ✓ | ● | A | ● | A | A | A | ✗ | |
| ProFace X | ✗ | ✓ | ✗ | ✓ | ● | A | A | A | A | A | ✓ | |
| ACCESS CONTROL PANEL | | | | | | | | | | | | |
| inBio160/260/460 Pro | ✓ Wiegand/ RS485 | ● Wiegand | ● Wiegand | ✓ Wiegand/ RS485 | ● Wiegand/ RS485 | ● Wiegand/ RS485 | ● Wiegand | ● Wiegand | ● Wiegand | ● Wiegand | ● Wiegand/ RS485 | ✓ Wiegand/RS485 |
| READER | | | | | | | | | | | | |
| ProID10 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | A | A | ✗ | |
| ProID20 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | A | A | ✗ | |
| ProID30 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | A | A | ✓ | |
| ProID40 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✗ | ✗ | A | A | ✗ | |

| MODEL FEATURE | SCREEN | | COMMUNICATION | | | | | | | | | | FUNCTIONALITY | | | | Suggestion Software | |
|-----------------------------|--------------|-------------------------|---------------|------|----|------|----------|------------------|------------|-------------|---|---|-----------------|---------|-------------|-----|---------------------|--------------------------------------|
| | Color Screen | Capacitive Touch Screen | TCP/IP | WiFi | 3G | GPRS | USB Host | RS485 for Reader | Wiegand In | Wiegand Out | AUX. Input | AUX. output | Time Attendance | Battery | Door Access | POE | | WaterProof |
| TIME ATTENDANCE | | | | | | | | | | | | | | | | | | |
| G1 | ✓ | ✗ | ✓ | ● | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ZKTime.Web ZKTime.Net 3.0 WDMS |
| G2 | ✓ | ✗ | ✓ | ● | ● | ● | ✓ | A | ✓ | ✓ | ✗ | ✗ | ✓ | ✗ | ✓ | ✗ | ✗ | ZKTime.Web ZKTime.Net 3.0 WDMS |
| G3 | ✓ | ✓ | ✓ | ● | ● | ● | ✓ | A | ✗ | ✓ | ✗ | ✗ | ✓ | ● | ✓ | ✗ | ✗ | ZKTime.Web ZKTime.Net 3.0 WDMS |
| G4 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ | ✗ | ✓ | ✓ | ✗ | ✗ | ✓ | ✗ | ✓ | ✗ | ✗ | BioTime7.0 ZKBioSecurity |
| ACCESS CONTROL | | | | | | | | | | | | | | | | | | |
| inPulse+ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✗ | ✗ | ZKBioSecurity |
| inPulse | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✗ | ✗ | ZKBioSecurity |
| ProBIO | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✗ | ✗ | ZKBioSecurity |
| ProFAC | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✗ | ✗ | ZKBioSecurity |
| ProCapture-T | ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✗ | ✗ | ZKBioSecurity |
| ProCapture-X | ✓ | ✗ | ✓ | ● | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✓ | ✗ | ZKBioSecurity |
| ProCapture-WP | ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✗ | ✓ | ZKBioSecurity |
| ProRF-T | ✓ | ✗ | ✓ | ✗ | ✗ | ✗ | ✓ | ✗ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✗ | ✗ | ZKBioSecurity |
| ProRF | ✗ | ✗ | ✓ | A | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | 1 | 1 | A | ✗ | ✓ | ✗ | ✓ | ZKBioSecurity |
| ProFace X | ✓ | ✓ | ✓ | ● | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | 1 | 1 | ✗ | ✗ | ✓ | ✗ | ✓ | ZKBioSecurity |
| ACCESS CONTROL PANEL | | | | | | | | | | | | | | | | | | |
| inBio160/260/460 Pro | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | inBio160 Pro: 2 inBio260 Pro: 4 inBio460 Pro: 4 | inBio160 Pro: 1 inBio260 Pro: 2 inBio460 Pro: 4 | ✗ | ✗ | ✓ | ✗ | ✗ | ZKBioSecurity |
| READER | | | | | | | | | | | | | | | | | | |
| ProID10 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | |
| ProID20 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✓ | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | |
| ProID30 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✓ | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | |
| ProID40 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | | ✗ | ✗ | ✗ | ✗ | ✗ | |

Green Label Software Selection Guide

ZKTeco offers variety of softwares to suit the different business needs, and different requirements. We believe a clear function comparison guide would be a good helper of all of our customers. So, here is the software selection guide to help you sorting out the similarities and differences among all ZKTeco Softwares.

✓ = Available | ✗ = Not available | ● = Optional | A = Available Upon Customization

| Version FEATURE | FUNCTIONALITY | | Report | Export Format | Web-based Application | Database Engine | COMPATIBILITY | | | Language |
|---|--|---------------|--|---------------------|-----------------------|--|---|--|--|---|
| | Time Attendance | Door Access | | | | | Hardware | Browser | OS | |
| TIME ATTENDANCE APPLICATION | | | | | | | | | | |
|  ZKTime.Net 3.0 | ✓ Advanced | ● Simple | Total: 20+ e.g. : Transactions, Daily Total, TimeCard, Total TimeCard, Late Arrival, Absence, Employee Shift, Exception, Hours Summary, TimeCard List, Daily Attendance, Monthly Summary, Flexible Schedule... | XLS, PDF, CSV | ✗ | SQLite, PostgreSQL, MySQL, MS SQL Server | G1, G2, G3 | NA | Windows 7/8/8.1/10, Windows Server 2008/2012 (both 32 bits, 64 bits) | English, Russian, Arabic, Thai, French, Spanish, Japanese, Vietnamese, Traditional Chinese, Turkish |
|  BioTime 8.0 | ✓ Advanced | ✗ | Total: 15 Schedule log, Daily attendance, Total time card, Attendance summary, Leave summary, First in last out, Exception, Department summary, Time card, Late, Early leave, Overtime, Absent, Multiple tranction, Break time | XLXS, PDF, CSV, TXT | ✓ | PostgreSQL, MySQL, MS SQL Server, Oracle | G1, G2, G3, G4 | Internet Explorer 11+/ Firefox 27+/ Chrome 33+ | Windows 7/8/8.1/10, Windows Server 2003/2008/2012/2014/2016 (64 bits) | English |
| ACCESS CONTROL APPLICATION | | | | | | | | | | |
|  ZKBioSecurity | ✗ | ✓ Advanced | Total: 12 Access: Transactions, Events From Today, Last Known Position, All Exception Events, By Door, By Personnel. Elevator: Transactions, Exception Events, By Floor, By Personnel. Visitor: Last Visited Location, Visitor History Record. Patrol: All transactions, Patrol Records Today, Patrol Route Statistics, Patrol Personnel Statistics Video: Video event Record | Excel, PDF, CSV | ✓ | PostgreSQL, Oracle11g, SQL Server 2005/2008/2012 | inPulse+, inPulse, ProBIO, ProFAC, ProCapture-T, ProCapture-X, ProCapture-WP, ProRF-T, ProRF, G4 | Internet Explorer 11+/ Firefox 27+/ Chrome 33+ | Windows 7/8/8.1, Windows Server 2008/2012 (both 32 bits, 64 bits) | English, Spanish |
| MIDDLEWARE APPLICATION | | | | | | | | | | |
| ZKBioPack | Database Connection, Device Management, Personnel Management, Synchronization Data to Standalone Devices | | NA | NA | ✓ | PostgreSQL | inPulse+, inPulse, ProBIO, ProFAC, ProCapture-T, ProCapture-X, ProRF-T | Internet Explorer 11+/ Firefox 27+/ Chrome 33+ | Windows 7/8/8.1, Windows Server 2008/2012 (both 32 bits, 64 bits) | English Only |
| ZKBioLink | Device Management, Device Monitoring, Server Sent Commands, Parameters, User Management, Modify Password | | NA | NA | ✓ | PostgreSQL | | Internet Explorer 11+/ Firefox 27+/ Chrome 33+ | Windows 7/8/8.1, Windows Server 2008/2012 (both 32 bits, 64 bits) | English Only |
| WDMS | Device Management, Transaction Real-time Monitoring, Employee/Department Management, Cyber Data Sync. and Management, Zone Management, Client Management, License Management | | NA | NA | ✓ | MySQL, MS SQL Serve | G1, G2, G3 | Internet Explorer 11+/ Firefox 27+/ Chrome 33+ | Windows 7/8/8.1, Windows Server 2008/2012 (both 32 bits, 64 bits) | English Only |

Product Introduction

Non Green Label Series Supports Visible Light Recognition





Product Introduction

Face Depot Series

FaceDepot-7A

Outdoor Facial Recognition Station with Robust and Compact Design

- Enhanced Visible Light Facial Recognition
- 7-inch LCD display with impact-resistant glass cover
- Splash-proof design
- Wide range of lighting acceptance
- ID / MF module optional
- Maximum 10,000 face templates capacity
- High performance processor boosted by ZKTeco
- Ultrasonic distance detected sensor, 50cm ~ 150cm adjustable



Proactive Facial Recognition



New Height of Anti-Spoofing



Speedy Recognition



Wide Pose Angle Acceptance



Touchless for Better Hygiene



FaceDepot-7B

Indoor Facial Recognition Station with Slim and Exquisite design and 7-inch Display

- Enhanced Visible Light Facial Recognition
- Maximum 10,000 face templates capacity
- 7-inch touch LCD
- Fingerprint and ID / MF module optional
- Dual-camera for real-time face detection
- Recognition distance: 0.3 - 3 m
- High performance processor boosted by ZKTeco
- Compatible with external RS232, RS485 and Wiegand reader
- TCP / IP, Wi-Fi and USB communication
- Compatible with ZKTeco and 3rd party barrier
- IP65 ingress protection rating



Proactive Facial Recognition



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Speedy Recognition



Wide Pose Angle Acceptance



Touchless for Better Hygiene





Product Introduction

Speed Face Series

SpeedFace -H5

3-in-1 Starter Facial Recognition Terminal with 5-inch Touch Display

- Enhanced Visible Light Facial Recognition
- 3-in-1 verification with Fingerprint, RFID and Facial Recognition
- 5-inch touch LCD
- Dual-camera for real-time face detection
- 6,000 face template capacity
- Recognition distance: 0.3 - 3 m
- Compatible with external RS232, RS485 and Wiegand reader
- TCP / IP, Wi-Fi communication



Proactive Facial Recognition



New Height of Anti-Spoofing



Speedy Recognition



Wide Pose Angle Acceptance



Touchless for Better Hygiene



SpeedFace -V5

Starter Facial Recognition Terminal with 5-inch Touch Display

- Enhanced Visible Light Facial Recognition
- Multiple verification with Fingerprint, RFID and Facial Recognition
- 5-inch touch LCD
- Dual-camera for real-time face detection
- 6,000 face templates capacity
- Recognition distance: 0.3 - 3 m
- Compatible with external RS232, RS485 and Wiegand reader
- TCP / IP, Wi-Fi communication



Proactive Facial Recognition



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Product Introduction

Face Kiosk Series

Multipurpose Facial Recognition Smart Device with Android System

- Multi-language(English, Thai, Spanish, Arabic, Turkish, Russian, Korean, Indonesian, Portuguese, Cantonese)
- Fast verification recognition distance of 1-5 meters, simultaneous dynamic recognition of 3-5 people
- Support as many as 10,000 facial templates and 100,000 attendance records
- Dynamic advertisement display
- Interactive operation experiences
- Support TCP/IP, WIFI, USB Host, Blue-tooth
- Enhanced security level anti-spoofing liveness detection
- Unique registration, one facial template per user
- Strong flexibility and adaptability in application



Proactive Facial Recognition



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FaceKiosk-H21



FaceKiosk-H32



FaceKiosk-V32



FaceKiosk-V43

ZKTECO

