ZKA*CCESS*
Advanced Solutions, Total Security

Advanced Biometric and RFID Solutions for Access Control

inBio-IP Based Biometric Access Control Panels

inBio-160

inBio-260

FR1200

inBio-460

ZK4000

Advanced access control panels...
with built in biometric fingerprint matching algorithm

Truly Internal Biometric Identification:
inBio carries out the matching of fingerprints on the panels. The FR 1200 reader transmit fingerprint templates to inBio via RS-485 for fast and accurate matching with templates stored in database. Weigand inputs are also provided for traditional RFID readers.

Communication:
inBio controllers install easily on your network and support both TCP/IP and RS-485 communication. Auto-discovery tool allows setting and modification of network parameters directly and easily.

Lowest Total Cost of Ownership:
inBio controller firmware can be upgraded in the field. New controller features can be loaded without any advanced tools, extending and expanding the value of your investment.

Capacity:
Stores up to 3,000 fingerprint templates, 30,000 card users, and up to 100,000 events and transactions. Event logs are backed up in real time to optional on-board SD card. Data is preserved if power is lost. inBio continues to operate if network connection is interrupted.

Door Control and More:
Along with relay contacts for controlling door locks, programmable input/output auxiliary relays can be used for additional control and interface for lights, alarms, annunciators, intrusion detection panels, or even extra locking devices or gate controllers.

Options:
inBio controllers come in three sizes to suit project needs and reduce the cost of unused capacity. 1-door, 2-door, and 4-door models can be mixed and matched in an optimized system architecture.

Advanced Access Control Built-In:
Anti-Passback, First-Card Opening, Multi-Card Opening, Duress Password Entry, and Auxiliary Input/Output Linkages are built into controller firmware.

For Software Developers:
Free SDK is available for integrators and OEM's to integrate the inBio controllers with their own or existing security or personnel management applications. Upon request, ZK can also customize inBio firmware to meet any custom requirements.

C3-IP Based Access Control Panels

C3-100

C3-400

C3-200

KR100

State of the art 1, 2 and 4 door panels...
web-based management software

Choice of Readers:
Full range of card readers supported.ZK's KR Series readers are stylish and waterproof. C3 supports any Weigand-output reader, including HID Prox, iClass, and XceedID Multi-Technology. Can also support PIV-II card readers for FIPS-201 Government applications.

Communication:
C3 controllers install easily on your network and support both TCP/IP and RS-485 communication. Auto-discovery tool allows setting and modification of network parameters directly and easily.

Lowest Total Cost of Ownership:
C3 controller firmware can be upgraded in the field. New controller features can be loaded without any advanced tools, extending and expanding the value of your investment.

Sensor Options:
Supports up to 30,000 badge users and stores up to 100,000 events and transactions. Controller is backed up in real-time to on-board optional SD card. Data is preserved if power is lost. Controller continues to operate if network connection is interrupted.

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Standalone Biometric and RFID Reader Controllers

| TF1700 | TF1600 | F18 | MB700 |

Modern, accurate and affordable...
standalone fingerprint, facial and RFID readers

Unsurpassed Biometric Performance:
Reliable, durable, and highly accurate, ZK's fingerprint matching algorithm Ver. 10.0 provides less than 1 second user identification with an ultra-low false read rate.

Communication:
TCP/IP communication allows management control of doors over Ethernet networks and the internet. RS-485 ports allow PC-based access to reader controller in local networks. Weigand port allows connection of reader to any third party access control panel.

Easy Operation and Management:
Works without computer. Complete setup and programming can be done via keypads and embedded firmware. Audio-Visual indication for acceptance and rejection of valid/ invalid fingers.

Capacity:
Depending on model: up to 8,000 fingerprints, up to 30,000 cards and up to 50,000 events and transactions. .

Display and Ports::
Models with color TFT or black and white LCD displays; integrated card readers and PIN keypads; built-in Weigand interface ports; USB ports for backups and logs, TCP/IP and RS-485 communications.

Options:
Internal Proximity or Mifare card readers for multi-mode authentication; embedded web servers for complete management via standard browser with no special software; Waterproof model (TF1700 or TF1600) for outdoor use and extra durability.

Full Access Control Built-in:
Relay outputs for electric lock and alarm. Inputs for door status sensor and exit switch. Supports multiple time zones and personnel groups for programming valid user rights.. Anti-Passback and daylight savings time settings built-in.

For Software Developers:
Free SDK is available for software developers and OEM's to develop applications within their own or 3rd party security platform.

Variety of readers...
can be easily customized for any application

| US700 | F6 | MA500 | Bundles and Options |

FR1200

ZK4000   ZKAccess Software   K1-1

Optional Accesories

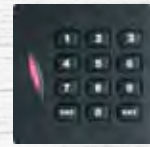| Prox Card | Key Fob | POE Injector | K1-1 |

| KR100 | KR101 | KR500 | KR102 |

Wide variety of features to satisfy any customer's requirement...

Algorithm:
One of the fastest fingerprint and facial matching algorithms available, with identification in less than one to two seconds

Communication:
Multiple communication options including TCP/IP, RS-232/485, USB Host and USB Client, Wi-Fi and 3G, depending on model

Screen Options:
Intuitive, user-friendly color and monochrome screens available in various sizes ranging from 2.5 to 4.3 inches

Sensor Options:
Sensor option such as ZK or Lumidigm's mercury optical sensor.

Development Platform & Tools:
Easy integration via SDK, open development platforms such as Linux and firmware customization available upon request

Access Control Features:
Relay contacts for alarm, wired door bell, exit switch, exit reader, Weigand-Out and Weigand-In.

ID Card Options:
Integrated 125 kHz Prox, HID Prox, Mifare, HID iClass

Localization:
All ZKAccess products are multi-lingual and can currently be localized in 18 different languages.

Network Video Surveillance System

ZK offers a comprehensive video surveillance solution that consists of IP cameras (Dome, Box, Bullet, Cube, and High Speed Dome), Network Video Recorders (NVR's) and our feature-rich ZKiVision Video Surveillance software. This software is also capable of detecting and identifying faces and has video and access control linkage options.

IR Weather-Proof Bullet Camera

- Video Compression: H.264
- Highest Resolution: Mega pixel 1280x720
- Image Sensor: 1/3" CMOS
- Lens: 12mm & 6mm fixed lens
- IR Distance: 20-30m
- Sensitivity: 0.1Lux or 0Lux (IR on)
- Protection Rating: IP66
- Storage: Up to 32GB Micro SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, WIFI
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

Standard Box Camera

- Video Compression: H.264
- Highest Resolution: Megapixel 1280x720
- Image Sensor: 1/3" CMOS
- Sensitivity: 0.1Lux/F1.2
- Storage: Up to32GB SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, WIFI
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

IR Vandal-Proof Dome Camera

- Video Compression: H.264
- Highest Resolution: Megapixel 1280x720
- Image Sensor: 1/3" CMOS
- Lens:4-9mm
- IR Distance: 10-15m
- Sensitivity: 0.1Lux or 0Lux IR on
- Protection Rating: IP66
- Storage: Up to 32GB Micro SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, WIFI
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

High Speed Dome Camera

- Video Compression: H.264
- Highest Resolution: 480TVL
- Image Sensor: 1/4" SONY CCD
- Sensitivity: 0.1Lux
- Lens: 18X Optical , 12X Digital
- Horizontal Speed: 0.1°-250°/S
- Vertical Speed: 0.1°-100°/S
- Tilt Movement: 0°-92° tilt
- Protection Rating: IP66
- Storage: Up to 32GB SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, WIFI

Cube & Mini Dome Camera

- Video Compression: H.264
- Highest Resolution: Mega pixel 1280x720
- Image Sensor: 1/3" CMOS
- Sensitivity: 0.1Lux
- Lens: Cube: 6.0 mm;
       Mini Dome: fixed 6.0 mm
- Storage: Up to 32GB Micro SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485 controller, Reset
- Optional Function: POE, WIFI

4 or 8 Channel NVR

- 4-ch or 8-ch IP video input an 720P video record 25fps real-time
- With VGA and CVBS
- Support playback while record in one channel
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- Support using mouse to conveniently control the PTZ
- Supports 1(4-ch) or 2(8-ch) SETA, supports TB hard disk
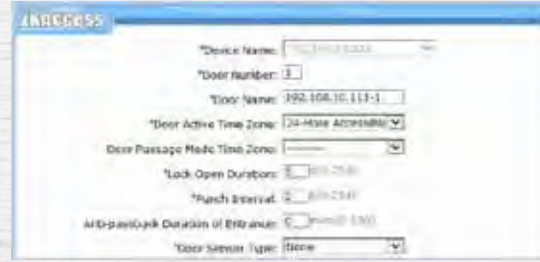- Support audio talkback

ZKiVision Video Surveillance Software

- Real-time 100 channel live monitoring and 4 channel playback
- Access Control linkage function
- Face identification and recognition function (Optional)
- Simultaneous recording and snap function of main stream
- Electronic map function
- Video Data backup function
- Remote control PTZ, preset points, PTZ tours, lens control
- Triggers for motion detection, input alarm, network failure, local disk error, etc.
- Automatically search devices in LAN and group management
- Multi-level user management
- Customizable search engine for playback and logs

ZKAccess Software

ZKAccess software for access control management is designed to manage all of ZK's access control panels and select standalone readers. The user-friendly interface makes it easy to learn, install, operate and maintain the system. The software can easily integrate with ZK's network video surveillance system, elevator control module and visitor management. Better yet, ZKAccess comes free with all access control panels.
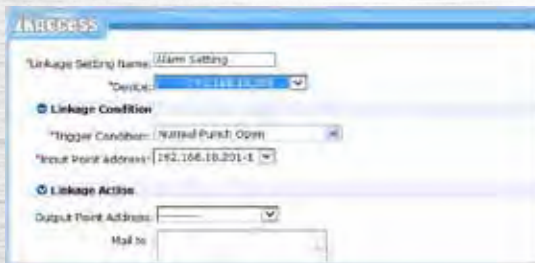

Easy to configure and use:
- Web-based administration for C3 and InBio panels
- Menu driven dashboard display
- Quick start links for easy installation
- Quick links to all common operations
- Embedded fingerprint registration tool for using biometric readers with inBio panels

Door management:
- Individual door configuration for unlock duration, Weigand format and request to exit unlock mode
- Set Anti-Passback and interlocks between doors
- Door interlocks for mantrap control
- In and Out reader configuration
- Programming of duress password

Linkage settings:
- Programmable and user selectable door control and auxiliary input/output relays
- Email alerts based on linkage settings
- Video linkage configuration

Real time monitoring:
- Real-time event monitoring with door status icons
- Photo pop-ups of users for visual verification
- Remote opening/closing of an individual or all doors
- Alarms, exceptions and event logs with email notification

Maps, reports and maintenance:
- Import maps and floor plans for site specific door management
- Reports with customized search engine
- Multiple export format for event logs
- One click database backup
- All system changes are logged

SDK available for third party integration for:
- Video management systems
- Time and Attendance systems
- Asset management

ZKTeco is a leading global developer of security and time management solutions. ZK is comprised of 5 divisions which are known as: ZKSoftware, ZKAccess, ZKiVision, ZKBiolock and ZKAFIS. Each ZK division has a dedicated team of expert business and technical professionals to serve our customers and partners worldwide.

ZKAccess' product line consists of one, two and four-door IP-based access control panels and Biometric & RFID readers, all managed by our feature-rich web-based software. Unlike other access control panels available in the market, our readers can operate either standalone or with any 3rd party access control panel.

As one of the largest security solution provider, our inBio panels can uniquely match fingerprints on the panel itself, thus completely eliminating the need to manage biometric templates separately. ZKAccess products can also compliment or replace any pre-existing access control installation.

Preferred Vendor for Distributors, System Integrators and Installers

As one of the largest security solution providers in the world, ZK has earned a reputation for technical innovation, quality, speed-to-market, most affordability and exceptional service. These are some of the many reasons why ZK is a preferred vendor for so many OEM's, system integrators, installers, distributors and dealers worldwide.

Manufacturing Process

At our state-of-the-art 700,000 square foot ISO-9001-certified facilities,, we control R&D, manufacturing, product design, component assembly and logistics/shipping —all under one roof. ZKTeco can integrate everything necessary to meet your specific requirements. Join thousands of other OEMs and distributors who rely on ZKTeco as your long-term technology and manufacturing partner.

Why ZK?

- One of the fastest face and fingerprint matching algorithms
- Quick production turnaround times
- ISO-9001 one-stop-shop all in-house manufacturing facility
- Over 1,800 employees strong
- Over 8 million units installed worldwide
- Global branch offices in over 12 countries.

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