OCB electronics

ACCESS CONTROL

A
SAFE
ENVIRONMENT
THROUGH
SECURED ACCESS

16 YEARS ANNIVERSARY

www.nodactechnology.com

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nodac TECHNOLOGY

TAKE TOTAL CONTROL OF ACCESS CONTROL WITH OCB electronics

When you're installing Access Control systems, there's a lot on your mind and there's a lot riding on your product decisions. The equipment you choose must be absolutely reliable, made with the highest quality components, and user-friendly. Whether you're upgrading an existing infrastructure, or building a new security system from the ground up, only the best will do. Top-of-the-line video surveillance systems, expert installation, and first-rate customer service form the bedrock of the industry. That's what you expect.

And that's what OCB provides. Complete, end-to-end solutions – from cameras to controllers, from alarm relays to IP architecture, from door locks to DVRs, and more have been meticulously engineered by the largest R&D Development team in the security industry worldwide. OCB development facilities lead the industry in advancing the technology of every essential piece in an Access Control system. And we're just getting started.

The need for perimeter security:both indoor and outdoor grows every day. But with years of experience guiding every decision, you know what needs to be done. Whether they are coming in or going out, you establish complete control with OCB's Access Control system. We provide features like tamper-proof credential systems, MIFARE and contactless card readers, and multiple-input access modes for secure identity confirmation. Various communication interfaces and protocols are available as well, including TCP/IP network interface and Wi-Fi standalone terminals, and customers accounts always remain safe via RSA and AES encryptions. OCB is a name you can trust in security.

HIGHLIGHTED TECHNOLOGIES

VARIOUS ACCESS MODES

OCB Access Control System supports various access modes to suit each unique security need. Modes include access via card, card + password, fingerprint, card + fingerprint, password + fingerprint, and card + password +fingerprint
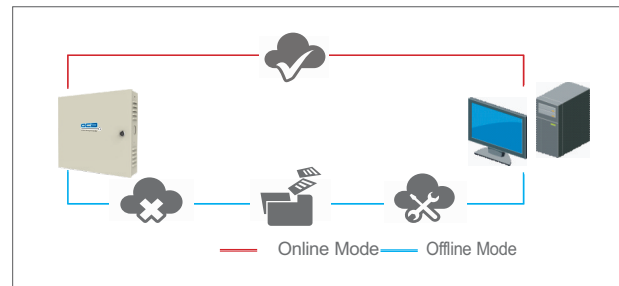
ONLINE AND OFFLINE MODES

Online Mode: Events are recorded by controller in real time and uploaded to PC storage equipment.
Offline Mode: Controller stores relevant information, as authorized, when the network connection gets interrupted. Information uploads continuously after the connection is restored.

password + fingerprint   card + password   fingerprint

Online Mode — Offline Mode

MULTI-SYSTEM LINKAGE

Video Linkage: By linking hardware to software, cameras begin recording when an alarm is activated, performing real time surveillance.   .

Fire Alarm Linkage: OCB's Access Control System receives signals from fire alarm switches and opens appropriate doors according to software settings.

Other Linkage: Our Access Control System provides linkage support for software and hardware, as well as other kinds of linkage.
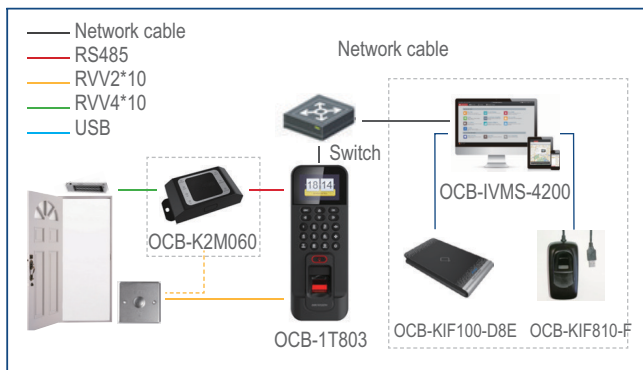
FREE ATTENDANCE MANAGEMENT MODULE

This module supports Attendance Management by using OCB's iVMS-4200 software. Security personnel can define attendance rules according to real situations at their facilities. It also supports statistical analysis and printing, fulfilling specific security requirements of small-to-medium size organizations.

SECURE MODULE OPTIONAL

Secure I/O expanion Module provides secure door control as well as I/O expansion viaencrypted communication when combined with outher OCB devices

TCP/IP SYSTEM STRUCTURE

The Controller connects to the software platform over he internet to integrate the varioussystems. Customer´s accounts remains safe via RSA and AES encryptions

MULTIPLE ADVANCED-FUNTION CONFIGURATIONS

OCB´s unique system supports multiple advanced card configurations, such as card disabling, blacklisted cards, normal card access, visitor and VIP cards, cards entered under duress, and more. Furt her support includes password authentication, interlocking, anti-passback, first card to open a door, multiple authentication, online updates, remote control, and more

MULTIPLE ALARM FUNCTION SUPPORT

The alarm triggers when these events occur; card reader tampering, unlocked door, sustained unlocked door, door opens abnormally, cards and/or codes entered under duress, blacklisted card used, and multiple swipes of an unknown or unauthorized card.It also supports input and output of alarm signals in the alarm zone. {Alarm zone refers alarms input and output settings. which is set by alarm signal linkage.

HIGHLIGHTED PRODUCTS
1100 SERIES CARD READERS

-High speed, 32-bit processor with powerful performance
-RS-485 and Wiegand communication supported: Wiegand communication supports W26 and W34 formats
-Supports 13.58 MHz MIFARE 1, caed number recognition OCB-K11XXM/MK
-Supports 125 MHz EM card number recognition OCB-K1102E/EK
-Online update support
-Embedded "Watchdog" program-identifies equipmet malfunction and
-it repairs it to keep the system running   -Tamper Alarm supported

THE OCB-K2600 SERIES ACCESS CONTROL CONTOLLERS

- High-speed, 32-bit processor with powerful performance
- TCP / IP communication, automatic adjustment to network speed
- Stores 100,000 legitimate cards and 300,000 card-swipe logs
- Supports protected-area alarm status access, resistant to short-circuiting and cut-offs
- Supports 20-digit card number identification and storage
- Simultaneous connections to the RS-485 interface and Wiegand interface reader are supported, while the RS-485 connection uses a dual-interface design that supports loop breakpoint fault detection and redundancy functions. Multiple Wiegand formats are supported including W26, W34 and W37 – allowing seamless compatibility with third-party Wiegand interface readers.
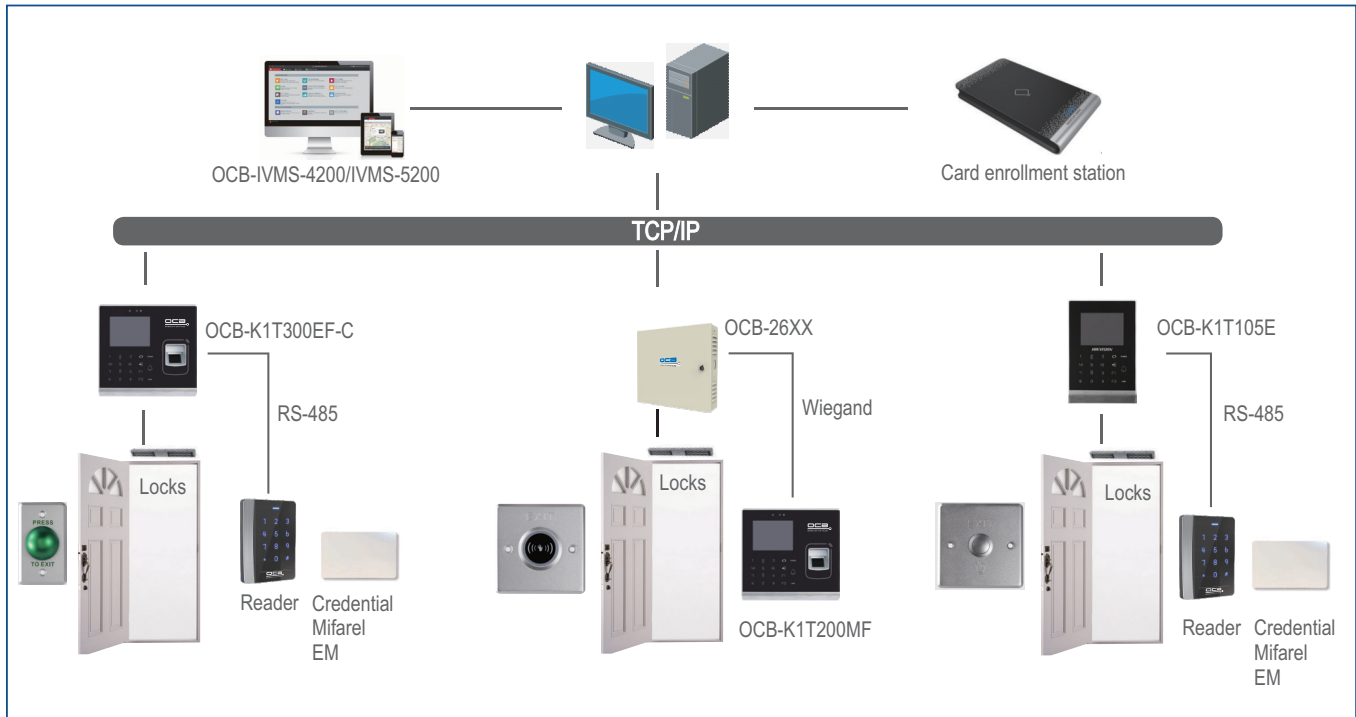
ALL-IN-ONE SYSTEMS: OCB-K1T105 & OCB-K1T200

- Latest touch-key and blue-ray technology are used, giving systems a modern appearance.
- TCP / IP, wireless / Wi-Fi, & RS-485 connectivity support
- Supports OCB E-Home Protocol for multiple-device communication
- 200-Watt Hi-def camera, supporting face recognition and snapshots (OCB-K1T200MF-C, OCB-K1T200EF-C)
- Supports the RS-485 vice card reader for bi-directional swiping
- Supports the card reader working mode set, and corresponds between card reader and the access control server.
- Stores 100,000 legitimate cards and 300,000 card-swipe logs
- Includes tamper alarm and recognizes sustained unlocked doors, cards and/or codes entered under duress, multiple swipes of an unknown or unauthorized card, and strengthens the system safety overall
- Digital clock and Watchdog program are embedded to provide the correct date & time and to keep the server functioning optimally; data is permanently preserved

STANDALONE TIME&ATTENDANCE TERMINAL: OCB-K1T803 & OCB-K1A801

- 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results
- Wired network and Wi-Fi are available
- Accurate and fast fingerprint recognition. The recognition time duration is less than 1.5s
- Max. 3000 users, Max. 3000 fingerprints and Max. 100,000 event records are available
- Different authentication types can be configured according to different situations   - Stand-alone operation: Locally add person, card and fingerprint information; Export the swiping card data and the attendance report to the USB
- Up to 32 normal shifts and up to 32 man-hour shifts can be configured
- Up to 32 attendance holiday schedules and up to 128 access control holiday schedules can be configured - Generate the attendance report automatically
- The doorbell can connect the third party buzzer
- Tampering alarm and duress alarm function
- It is available to connect the external RS-485 secure door control to avoid the door opening

OCB-IVMS-4200/IVMS-5200

Card enrollment station

TCP/IP

OCB-K1T300EF-C

OCB-26XX

OCB-K1T105E

RS-485

Wiegand

RS-485

Locks

Locks

Locks

Reader Credential
Mifarel
EM

OCB-K1T200MF

Reader Credential
Mifarel
EM

PRODUCT SHOWCASES

ACCESS CONTROL

OCB-K1802M/E
Card Reader

-Support Mifarel 1/EM card
-Pc+ABS material shell
-Supports Wiegand protocol
-IP65 Standard

OCB-K1802M/EK
Card Reader

-Support Mifarel 1/EM card
-Pc+ABS material shell
-Supports Wiegand protocol
-IP65 Standard
-With keypad

OCB-K1F810-F
Fingerprint
Card Issuer

-500 dpi high-definition
-Support the function of PnP
 (plug and play)
-OPtical fingerprint sensor designed
 with scratch-resistant material
-USB 2.0 communication standard for
 data transmission

OCB-K1F180-D8E
Card Issuer

-Plug and play USB with no-driver technology
-Supports various card types
 (Milfare card and EM card)
-Supports online upgrade

OCB-K1107E/EK

-Support EM card
-With keypad (OCB-K1107EK)
-Supports RS 485 and Wiegand (W26/W36)
 protocol
-IP65 Standard

OCB-K1107M/EMK
Card Reader

-Support Mifare card
-With keypad (OCB-K1107EK)
-Supports RS 485 and Wiegand
 (W26/W36) protocol
-IP65 Standard

OCB-K1200EF/MF
Fingerprint
Card Reader

-Support fingerprint Mifarel 1/EM card
-Supports RS485 protocol
-IP65 Standard
-9500 fingerprints capacity

OCB-K2M060
Secure
Module

-Provides secure door control as well as I/O
 expansion via encrypted communication
 when combined with other OCB terminal.
-Supports RS485 protocol

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PRODUCT SHOWCASES

OCB-K1T803F
Fingerprint Access
Contol Terminal

-Support Access control and time
 attendance function
-Optical fingerprint module 3.000
 fingerprints capacity
-2.4 inch LCD Screen
-Support Wi-Fi & TCP-IP
-Standalone Operation

OCB-K1T803MF/EF
Fingerprint Access
Contol Terminal

-Support Access control and time
 attendance function
-Optical fingerprint module 3.000
 fingerprints capacity
-2.4 inch LCD Screen
-Support Wi-Fi & TCP-IP
-Standalone Operation
-Multiple Authenthication: Card
 (EM or Miafare-1 Card) fingerprint, etc

OCB-K1A801F
Fingerprint Time
Attendance
Terminal

-Support time attendance function
 forming reports automatically
-Optical fingerprint module 3.000
 fingerprints capacity
-2.4 inch LCD Screen
-Support Wi-Fi & TCP-IP
-Standalone Operation (Adding person
 & Card & Fingerprints Locally)

OCB-K1T801MF/EF
Fingerprint Time
Attendance
Terminal

-Support time attendance function
 forming reports automatically
-Optical fingerprint module 3.000
 fingerprints capacity
-2.4 inch LCD Screen
-Support Wi-Fi & TCP-IP
-Standalone Operation (Adding person
 & Card & fingerprints Locally)
-Multiple Authentication; Card
 (EM or Miafare 1 Card) fingerprint, etc

OCB-K281
Single-door Access
Contoller

-Accesible card reader: 2 Wiegand readers
-Input interface: 1 Door Magnetic, 1 door
 switch, 1 case input.
-Output interface: 1 Door switch relay,
 1 alarm relay.
-Uplink communication interface: TCP/IP
 network interface and RS-485 interface
-Storage with 10.000 cards information
 and 50.000 access control events.

OCB-K2802
Double-door
Access Contoller

-Accesible card reader: 4 Wiegand readers
-Input interface: 2 Door Magnetic, 2 door
 switch, 2 case input.
-Output interface: 2 Door switch relay,
 2 alarm relay.
-Uplink communication interface: TCP/IP
 network interface and RS-485 interface
-Storage with 10.000 cards information
 and 50.000 access control events.

OCB-K2804
Four-door
Access Contoller

-Accesible card reader: 4 Wiegand readers
-Input interface: 4 Door Magnetic, 4 door
 switch, 4 case input.
-Output interface: 4 Door switch relay,
 4 alarm relay.
-Uplink communication interface: TCP/IP
 network interface and RS-485 interface
-Storage with 10.000 cards information
 and 50.000 access control events.

OCB-K1T501M/E
Time & Attendance
and Access
Contoller Terminal

-12 Keys keyboard and doorbell
-Built-in Miafare/EM card reading module
-Max. 3.000 card number settings
-Supports door-open button.

OCB-K1T80M/E
Time & Attendance
and Access
ContolTerminal

-128 x 64 Dot Matrix STN Screen
-12 Keys keyboard and doorbell
-Built-in Miafare/Em card reading module
-Supports door-open button
-Storage with 3.000 cards information and
 10.000 access control events.

OCB-K1801MK/EK
Card Reader

-Support Miafare 1/EM card
-PC+ABS material shell
-Supports Wiegand protocol
-IP65 Standard
-With keypad

OCB-K1801M/E
Card Reader

-Support Miafare 1/EM card
-PC+ABS material shell
-Supports Wiegand protocol
-IP65 Standard

OCB-K1F100-D8E
Card Enrollment
Station

-Plug and Play
-Support various card types (Miafare card
 CPU, PSAM and Em card)
-Supports online upgrade

OCB-K2601
Single door
Access Controller

-Accessible card reader: 2 Wiegand readers
 & 2 RS485 readers.
-Input interface: 4 alarm input, 1 door
 magnetic, 1 door switch, 2 case input
 1 temper-proof.
-Output interface: 1 door switch relay,
 1 alarm relay
-Uplink communication interface: TCP/IP
 network interface and RS485 interface
-Storage with 100.000 cards information
 and 300.00 access control events

OCB-K2602
Double door
Access Controller

-Accessible card reader: 4 Wiegand readers
 & 4 RS485 readers.
-Input interface: 4 alarm input, 2 door
 magnetic, 2 door switch, 4 case input
 1 temper-proof.
-Output interface: 2 door switch relay,
 2 alarm relay
-Uplink communication interface: TCP/IP
 network interface and RS485 interface
-Storage with 100.000 cards information
 and 300.00 access control events

OCB-K2602
Four door
Access Controller

-Accessible card reader: 4 Wiegand readers
 & 8 RS485 readers.
-Input interface: 4 alarm input, 4 door
 magnetic, 4 door switch, 8 case input
 1 temper-proof.
-Output interface: 4 door switch relay,
 4 alarm relay
-Uplink communication interface: TCP/IP
 network interface and RS485 interface
-Storage with 100.000 cards information
 and 300.00 access control events

OCB-K1T105M/E(-C)
Standalone Access
Control Terminal

-2.8 inch LCD-TFT Screen
-16 Keys keyboard and doobell
-Built-in Mifare/Em Card reading module
-2 Megapixels camera (Optional)
-Supports Wi-Fi function
-Storage with 100.000 cards information
 and 300.00 access control events

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PRODUCT SHOWCASES

OCB-K1T200MF/EF(-C) Standalone Access Control Terminal

-2.8 inch LCD-TFT Screen
-16 Keys keyboard and doobell
-Built-in Mifare/Em Card reading module
-2 Megapixels camera (Optional)
-Supports Wi-Fi function
-Storage with 100.000 cards information and 300.00 access control events

OCB-K1101M(K) Card Reader

-Supports Mifare 1 card
-Keypads (OCB-K1101MK)
-Supports RS485 and Wiegand (W26/W36) protocol, tamper-proof.
-Applied for 120 Gan Box Only

OCB-K1102M(K) Card Reader

-Supports Mifare 1 card
-Keypads (OCB-K1101MK)
-Supports RS485 and Wiegand (W26/W34) protocol, tamper-proof.
-Applied for 86 &120 Gan Box

OCB-K1102E(K) Card Reader

-Supports EM card
-Keypad (OCB-K1101MK)
-Supports RS485 and Wiegand (W26/W34) protocol, tamper-proof.
-Applied for 86 &120 Gan Box

OCB-K1104M(K) Vandal Proof Card Feader

-Supports Mifare card
-Keypad (OCB-K1104MK)
-Supports RS485 and Wiegand (W26/W34) protocol, tamper-proof.
-Applied for 86 &120 Gan Box
-Vandal proof

OCB-K1F800-F Fingerprint Card Issuer

-500 dpi high-definition
-Supports the function of PnP(Plug and Play)
-Optical fingerprint sensor designed with scratch-resistant material
-USB 2.0 communication standard for data trasmission.

OCB-IC S50 Mifare 1 Non contacting IC Card

-Working frecuency: 13.56 MHz
-Anti-conflict
-Long time data storage for 10 years
-Triple accreditation (ISO/IEC DIS9798-2)

OCB-K4T100 Electric Bolt

-Support Thrust of 800 Kg.
-Polished and Brushed Stainless Steel
-Working current: 900 mA(Startup current) 100mA(Standby)
-DC12V

OCB-K4H2520S Magnetic Lock

-Single-door control
-Supports static linear thrust of 300 Kg
-Working current: DC12V(500mA) 24VAC(250mA)

OCB-K4H250D Magnetic Lock

-Double-door control
-Supports static linear thrust of 2 x 300 Kg
-Working current: DC12V/500mA x 2 24V/250m x 2A)

OCB-K4T100-1U/2 Accesories of Electric Bolt

-Aluminum alloy material
-Suitable for fully frameless glass door
-The door opens both sides at the angle of 180º

OCB-K4H250-LZ/U Accesories of Magnetic Lock

-Adopts aldural material with the surface sandblast
-The shell is hard anodizing electroplating operated

OCB-K7P01/02 Exit Button

-Aluminum alloy panel with sandblast, metal button
-Already passed 500 thousand times aging test
-NO/NC/COM Contact
-3A@36VDC Max

OCB-K7P03/04 Exit Button

-Panel: Aluminum panel
-Already passed 1 million times aging test
-NO/NC/COM Contact
-1A@36VDC, 05A@125 VAC

OCB-K7P05/06 Exit Button

-Infrared Sensor
-Brushed stainless steel panel, metal button
-Already passed 500 thousand times aging test
-NO/NC/COM Contact
-3A@36VDC Max

OCB-K7PEB Emergency Break Glass

-Suitable for exit door and emergency door
-Fireproof material, snadblast finished
-NO/NC/COM Contact
-3A@36VDC Max

No Hassle Returns

FREE Unlimited Support

LOWEST PRICE GUARANTEED 100%

SATISFACTION GUARANTEED 3 YEAR WARRANTY

Thecnology developments that bring security