



alhua
TECHNOLOGY

DOOR ENTRY RANGE

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COMPLETE CONTROL AT YOUR FINGERTIPS

Dahua video door entry systems are ideal for homes and residential apartments through to commercial building.

The range includes products for both internal & external of the building designed for preventing unauthorised personnel from entering designated areas and keeping access records.

It includes modular video intercoms with cameras, touch screen systems plus door controller, access readers, locks and cards.

DOOR ENTRY

Why choose Dahua Door Entry?

Our range of Dahua Door Entry products offer a user friendly and flexible solution for door entry control. From standalone domestic units to fully integrated building management. Simple to install with a wide selection of features and benefits, the range includes an option for every type of customer and installation.

Why choose to install Dahua video door entry products:

- Keep buildings secure
- 24 hour protection
- Remote access control
- Central control & flexibility
- Futureproof installations
- High quality camera images
- Simple installation and use



What is Door Entry?

Dahua Door Entry covers video intercoms with cameras, monitors, keypads and card readers, ideal for domestic installations and small commercial entrances. It also includes door access around commercial premises, securing buildings electronically, removing the need for keys.

Features

Dahua door entry products can be integrated with Dahua Smart PSS software. Networked modules can be setup, adjusted, monitored and can send & receive alarm information.

- Central control & flexibility
- PC control
- Software included
- Smart PSS integration is ideal for receptions and security offices

Integration with Smart PSS also means the system can be integrated with existing Dahua CCTV systems. Footage can be viewed of any networked CCTV cameras or video door entry products anywhere on site. This gives the installer and user the flexibility to setup, manage and control CCTV and video door entry products using one interface.

Selected Dahua units also offer complete control and flexibility allowing you to set who has access as well as where and when they have access.



Door Entry Management

Central Control

Dahua Door Entry products can be controlled via Smart PSS from a central location. It allows configuration of users and system settings on multiple sites.

Event Reporting

The system logs all events allowing users to easily track staff and visitor movements.

Flexibility, control who has access

Using Dahua door entry management you can add and remove users from the system or change access privileges quickly and easily.

Anti Passback & Interlock

Door Entry products offer strict access procedures to combat unauthorised use or abuse of the system.

Video Calling

Camera modules offer high quality images for video calling, day or night.

Monitor Messaging

It is possible to call between monitors and for central management to send messages to all users.

Single & Multi Door options

The range includes a selection of fully configurable, stand alone, single door or multi door options which can be monitored via Smart PSS

Assign Access Priviledges & Track movement

Administrators have control of all access rights for individual users. You can allow or limit access as required. It is also possible to track each users movement through the building.

Schedule Access Times

Access can be scheduled for office working hours, for example between 8am and 6pm on weekdays, then restricted at all other times.

Integrate with Dahua CCTV systems

Linking a CCTV and door entry system is easy via Smart PSS, allowing control of both with one piece of software.



To discuss your project specifications contact our knowledgeable sales team.

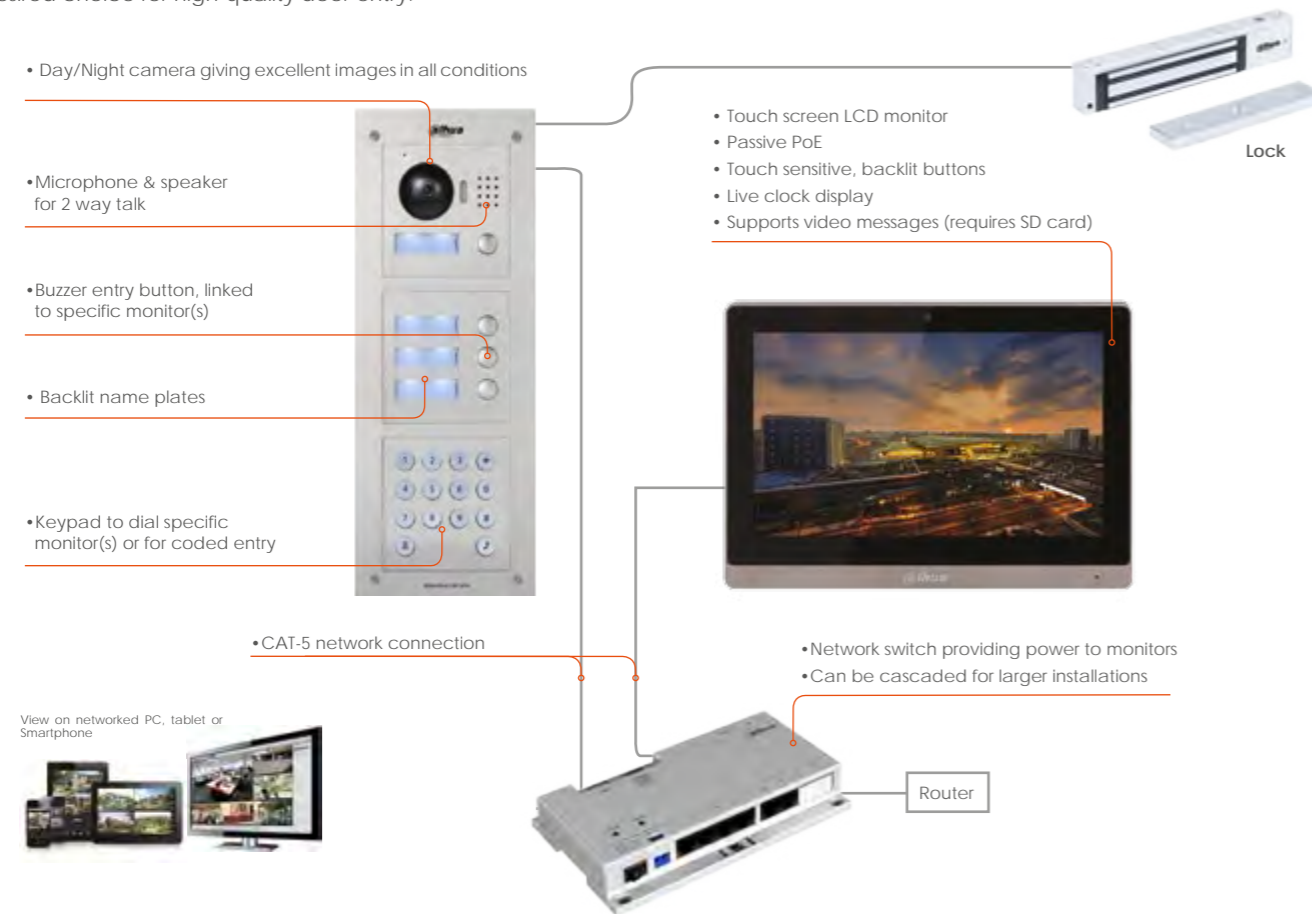
DOOR ENTRY

The Dahua door entry range is designed to make installation as easy as possible, but flexible enough to suit all applications.

Entrance Products

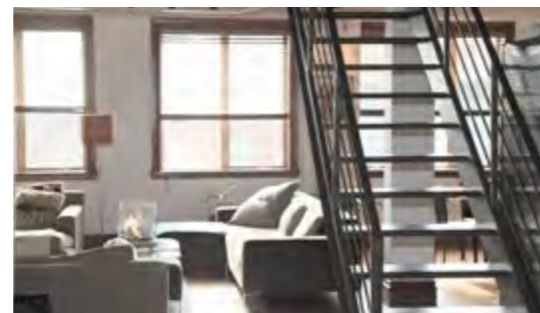
Our external entrance products offer a simple and effective way to secure entrances. They combine cameras, touch screen systems, and modular units for larger installations.

These IP network-based systems offer exceptional clarity of speech and video with minimum cabling and configuration. Coupled with the extensive features, integration capabilities and remote access, the Dahua system is rapidly becoming the desired choice for high-quality door entry.



These systems offer:

- Wired video intercom gives you a clear view of entrance points and doorways
- Day/Night camera means full visibility regardless of conditions or time
- Viewing angle of 80 degrees allows for a wide field of view
- Adjustable brightness, colour and volume settings
- Record video message (requires SD card)
- To be used with CAT-5 cable
- Passive 24v PoE



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How it works

External Entrances

Systems start with a camera module connected to the VTNS1060A switch which provides power to the camera. The camera can accept and power up to 8 additional modules. Monitors are also connected to the VTNS1060A switch. Multiple monitors can be added to the switch, switches be cascaded as required. Connecting the switch to a router allows connection to networked PCs or smartphones.

Single Entrance / Single User

Video intercom ideal for small domestic, office use or for gated properties.



Single Entrance / Multiple Users

Modular video intercom for larger domestic installations, such as residential apartment blocks.



DOOR ENTRY

Smart PSS / Mobile

Smart PSS is supplied FREE and offers a simple to use interface to manage all networked NVRs/DVRs, cameras & door entry products.

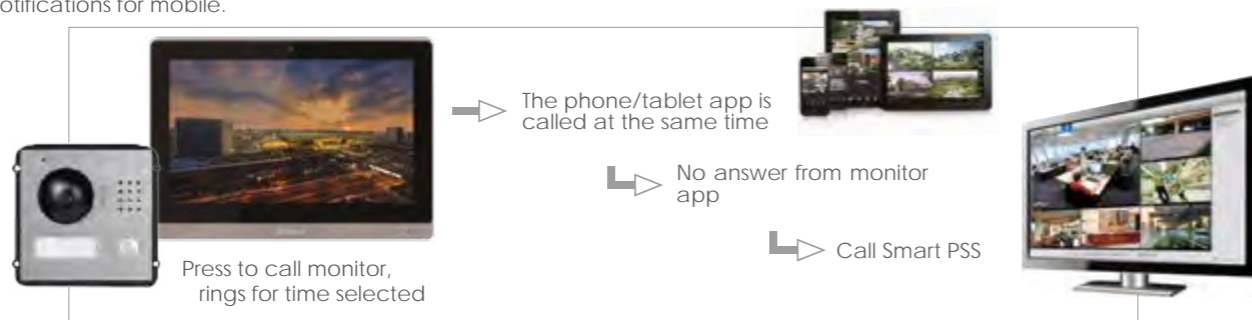
It has the following features:

- Support multi-screen and 64x4 windows
- Maximum 36-channel synchronisation playback
- Remote PTZ and alarm control
- Use PC as NVR
- Support snapshot, record, talk, E-map, video wall, etc.
- P2P support
- Used for central monitoring system
- Windows and MAC compatible
- Friendly GUI and ease of use



Configuration & Integration with CCTV

Door Entry products can be configured dependant on user requirements using Smart PSS. This includes time schedules & push notifications for mobile.



Using Smart PSS offers users a way to configure and control Dahua door entry systems and integrate them with Dahua CCTV systems.

Smart PSS integration allows networked products to be used in conjunction with each other, for example cameras on the door entry system and cameras on the CCTV system can be viewed in one place.



Monitors

Dahua 7" Touch Screen Monitor



- 7 inch TFT LCD
- Capacitive touch screen
- Resolution 800x480
- 1 channel 10/100Mbps self-adaptive ethernet
- Audio and video message
- 24v Passive PoE
- 6x Alarm in, 1x Alarm Out

Part No: DHI-VTH1550CH

Dahua 7" Touch Screen Monitor



- 7 inch TFT LCD
- Capacitive touch screen
- Resolution 800x480
- 1 channel 10/100Mbps self-adaptive ethernet
- Audio and video message
- 24v Passive PoE
- 8x Alarm in

Part No: DHI-VTH1550CHM

Dahua 10" Touch Screen Monitor



- 10.2" inch TFT LCD
- Capacitive touch screen
- Resolution 800x480
- 1 channel 10/100Mbps self-adaptive ethernet
- Audio and video message
- DC 12V/ supply directly by VTNS1060A

Part No: DHI-VTH1660CH

Dahua 7" Wi-Fi Touch Screen Monitor



- 7-inch TFT LCD
- Capacitive touch screen
- Resolution 1024x600
- 1 channel 10/100Mbps self-adaptive ethernet
- Audio and video message
- PoE (802.3AF)

Part No: DHI-VTH5221D Black
DHI-VTH5221DW White

With Built in 1MP Camera DHI-VTH5221D-C Black
With Built in 1MP Camera DHI-VTH5221DW-C White

Stand Alone Cameras

2 Button Outdoor Station



- Colour 1.3MP CMOS camera
- 1.9mm Lens • 140° wide angle lens
- Supports 13.56Mhz Mifare cards
- Support mobile phone software
- Built in microphone & speaker
- Support night vision
- PoE (802.3AF)

Part No: DHI-VTO3211D-P2

Dahua 1.3MP Camera Module



- Colour 1.3MP CMOS camera
- 80° wide angle lens
- Lens position adjust
- Support mobile phone software
- Built in microphone & speaker
- Support night vision
- 24v Passive PoE

Part No: DHI-VTO2000A

DHI-VTO2000A Accessories



Flush Mount Box Part No: VTOB107



Surface Mount Box Part No: VTOB108

Accessories

Dahua 6 Channel PoE Switch



- 6 PoE outputs
- Supports 30 cascading units
- Surface mount & DIN rail mounted
- 24v Passive PoE outputs
- Not suitable for DHI-VTH2221D-WP

Part Number VTNS1060A

Access Control Extension Module



- Access control extension
- Control 2nd door or gate

Part Number DEE1010B

Modules

Dahua 1.3MP Camera Module



- Colour 1.3MP CMOS camera
- 80° wide angle lens
- Lens position adjust
- Support mobile phone software
- Built in microphone & speaker
- Support night vision

Part No: DHI-VTO2000A-C

Dahua 3 Button Module



- 3 Button Module
- Backlit name plates
- Requires DHI-VTO2000A-C

Part No: DHI-VTO2000A-B

Dahua Digital Keypad Module



- Digital keypad option
- Backlit keys
- Requires DHI-VTO2000A-C

Part No: DHI-VTO2000A-K

Dahua Card Reader Module



- Digital reader option
- Supports 13.56Mhz Mifare cards
- Requires DHI-VTO2000A-C

Part No: DHI-VTO2000A-R

Dahua Fingerprint Module



- Fingerprint access reader
- Requires DHI-VTO2000A-C

Part No: DHI-VTO2000A-F

Dahua 1.3MP Outdoor Station

- Colour 1.3MP CMOS camera
- 3-inch STN screen
- Stainless steel panel
- Built in microphone & speaker
- Supports 13.56Mhz Mifare cards
- Day/Night
- Video & Audio messaging
- Passcode entry









Part No: DHI-VTO1210C-X

Dahua Outdoor Station Mount



- Surface Mount Box

Dahua Module Mounting Options

Surface Mounts	Flush Mounts	Description	Part Number
		Twin Module Front Panel	DHI-VTOF002
		Twin Module Surface Mount Box	VTOB113
		Twin Module Flush Mount Box	VTOB111
		Triple Module Front Panel	DHI-VTOF003
		Triple Module Surface Mount Box	VTOB114
		Triple Module Flush Mount Box	VTOB112

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DOOR ENTRY

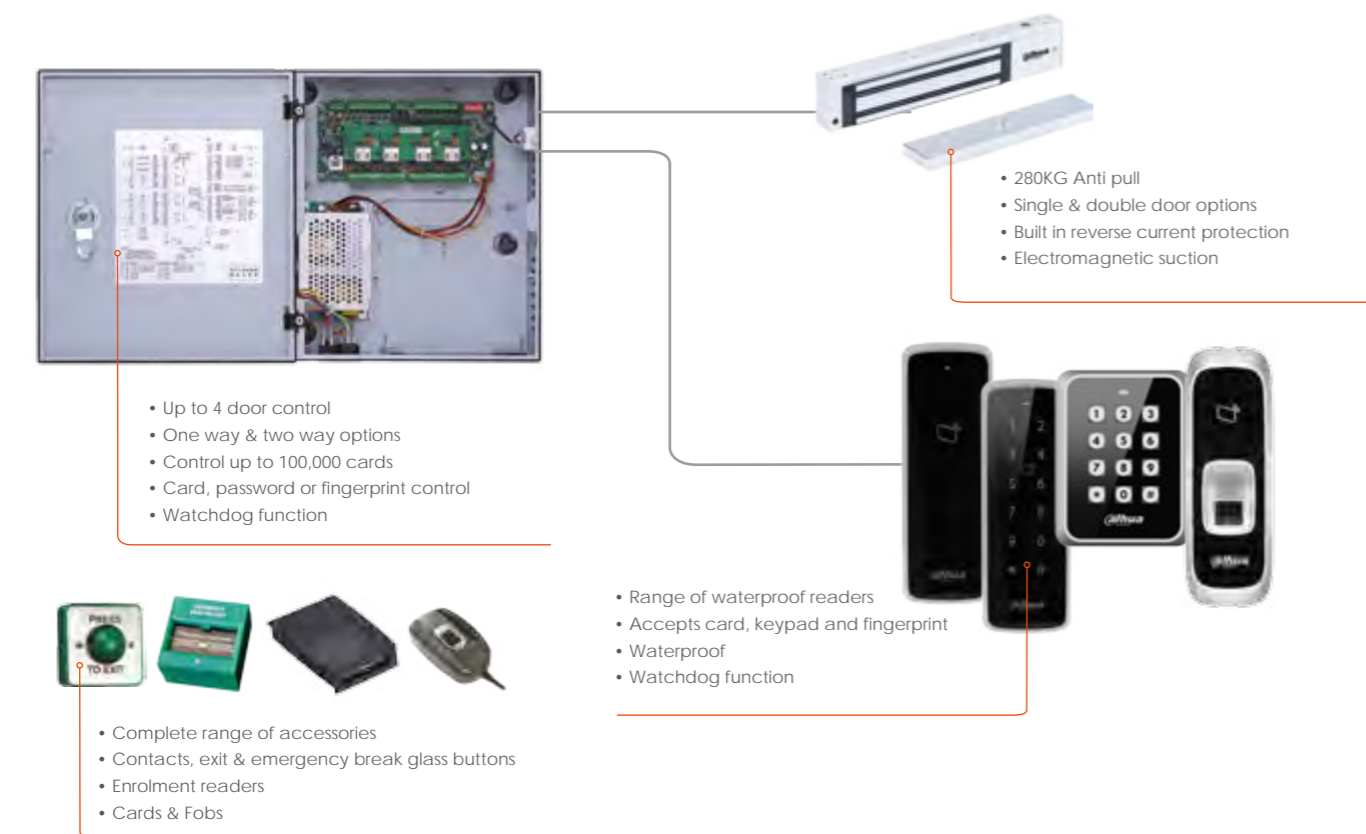
The Dahua door entry range is designed to make installation as easy as possible but flexible enough to suit all applications.

Control & Monitoring

These systems are ideal for commercial use providing a highly functional but easy to use system. With several reader options available and the ability to network multiple controllers, they are suitable for both small and large projects.

They offer a simple way of controlling access to and around your premises and secure your building electronically, removing the need for keys. Users are assigned access via code, card or with fingerprint.

Dahua units offer complete control and flexibility allowing you to set who has access as well as where and when they have access. These systems can be integrated into your network. They allow you to restrict areas to specific groups or individuals, as well as setting access at certain times of the day or night.



Simple User Access

When users are added to the system they can be set up with fingerprint, card, fob or code access depending on the type of readers installed.



How it works

Building Control

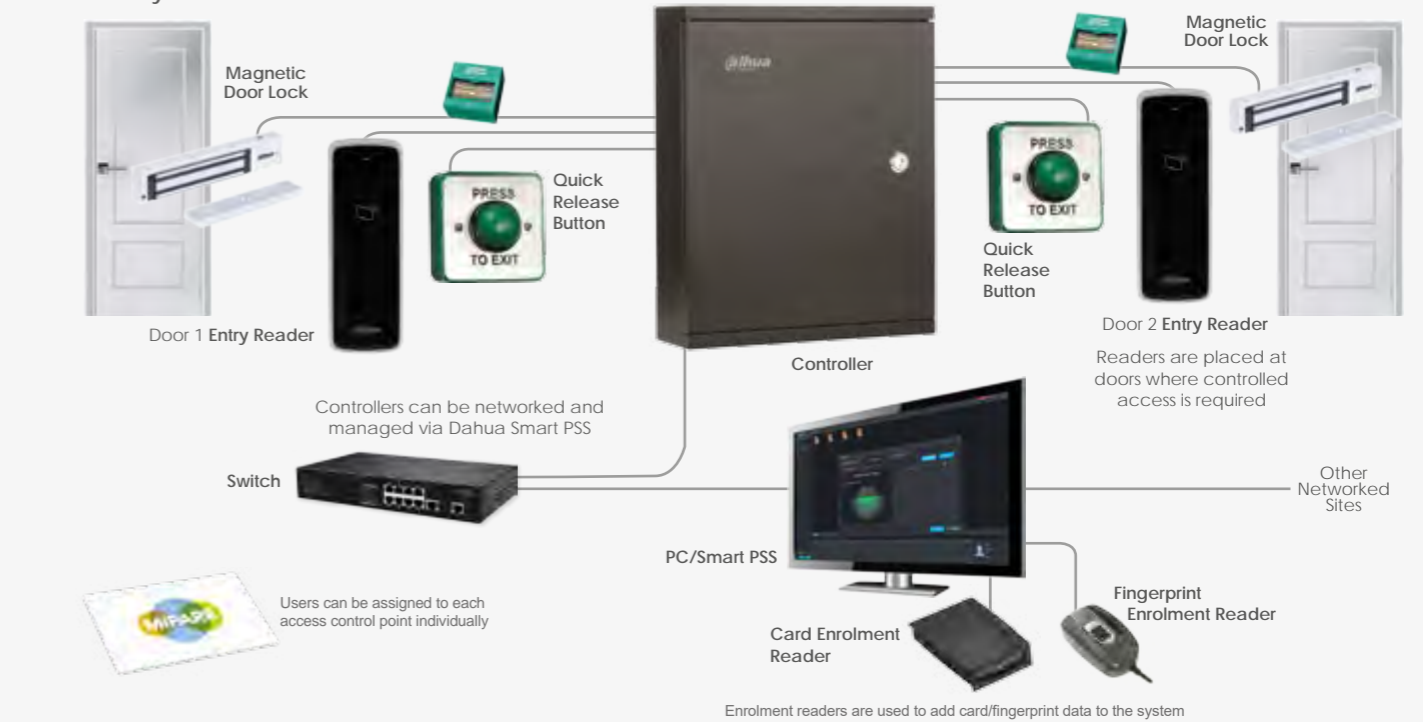
These Dahua door entry systems offer full control of who can access various areas of any building or multiple buildings, from one central location. Our range also includes card and fingerprint enrolment accessories.

Stand Alone Waterproof Reader

All in one readers ideal for small domestic, office use or for gated properties.



Multi Door Systems



DOOR ENTRY

Configuration

Systems can be setup quickly and easily by networking each controller and connecting them to Smart PSS. This allows the use of the card and fingerprint enrolment readers.

Smart PSS can combine multiple controllers over multiple sites allowing full management from one location.



Extra Security

Dahua technology offers extra layers of security to combat unauthorised use or abuse of the system. These features include intrusion, anti passback and interlock.

Intrusion

This feature alerts the user that a door has been forced open.

Anti Passback

Used to enforce strict access procedures, forcing users to follow a specific path through multiple doors, preventing users from accessing an area from the same direction twice.

Interlock

This feature works with two or more doors and requires the first door in a sequence to be closed before the next door can be unlocked.

Control Access 24/7

Each user is assigned a set of access privileges. This could include access to an entire site for employees or limited access for visitors.

Schedules can also be used to restrict access during set periods such as evenings, weekends and holidays. This can be set per reader or per user.

To discuss your project specifications contact our knowledgeable sales team.

Access Options

These systems are ideal for commercial use providing a highly functional but easy to use system. With several reader options available and the ability to network multiple controllers, they are suitable for both small and large projects.

ONE WAY ACCESS



TWO WAY ACCESS



All installations are wired in the same way. One way systems require a reader to enter and a simple push to exit button to release the lock to exit. Two way systems include a reader to enter and another to exit.

Integration with Dahua CCTV Systems

Using Smart PSS means that door entry systems can be integrated with CCTV systems, all controlled and configured through one piece of software. Smart PSS integration allows networked products to be used in conjunction with each other, for example when a reader is used to unlock a door:

- A camera screen can be displayed
- Move a PTZ to a preset position
- Record file to a networked PC



DOOR ENTRY

These systems are ideal for commercial use providing a highly functional but easy to use system. With several reader options available and the ability to network multiple controllers, they are suitable for both small and large projects.

Multi Door Controller

Dahua Four Door One Way Access Controller with PSU



- Up to 100,000 valid cards & 150,000 records
- Supports card, password & fingerprint readers
- 9x Inputs (4x door sensor, 4x exit, 1x alarm)
- 5x Relay outputs (4x door lock, 1x alarm)
- Supports up to 4x readers
- Ethernet port for network communication
- Door time out alarm, intrusion alarm, duress alarm and tamper alarm
- Wiegand or RS-485 interface to readers
- Anti-passback, multi-door interlock and multi-card open
- Up to 128 time and holiday schedules
- Watch dog function
- Surface mounted installation
- Accumulator battery extension
- Size: 280 x 114 x 320mm

Part No: DHI-ASC1204C-S

Dahua Two Door Two Way Access Controller with PSU



- Up to 100,000 valid cards & 150,000 records
- Supports card, password & fingerprint readers
- 8x Inputs (2x door sensor, 2x exit, 4x alarm)
- 4x Relay outputs
- Supports up to 4x readers
- Ethernet port for network communication
- Door time out alarm, intrusion alarm, duress alarm and tamper alarm
- Wiegand or RS-485 interface to readers
- Anti-passback, multi-door interlock and multi-card open
- Up to 128 time and holiday schedules
- Watch dog function
- Surface mounted installation
- Accumulator battery extension
- Size: 280 x 114 x 320mm

Part No: DHI-ASC1202C-D

Dahua One Door Two Way Access Controller



- Up to 100,000 valid cards & 150,000 records
- Supports card, password & fingerprint readers
- 3x Inputs (1x door sensor, 1x exit, 1x alarm)
- 2x Relay outputs (1x door, 1x alarm)
- Supports up to 2x readers
- Ethernet port for network communication
- Door time out alarm, intrusion alarm, duress alarm and tamper alarm
- Wiegand or RS-485 interface to readers
- Anti-passback, multi-door interlock and multi-card open
- Up to 128 time and holiday schedules
- Watch dog function
- Surface mounted installation
- 9-15v DC power input (PSU required)
- Size: 156 x 51 x 98mm

Part No: DHI-ASC1201B-D

Readers

Dahua Slim Waterproof RFID Reader



- RS485 & Wiegand protocols
- Supports 13.56MHz Mifare cards & fobs
- Red and Blue LEDs
- Watch dog function
- Waterproof(Outdoor use)
- Surface/Flush mounted installation
- 5-16v DC power input
- Size: 135 x 47.5 x 16mm

Part No: ASR1200D

Dahua Slim Waterproof RFID Password Reader



- RS485 & Wiegand protocols
- Supports 13.56MHz Mifare cards & fobs
- Red and Blue LEDs
- Watch dog function
- Waterproof(Outdoor use)
- Surface/Flush mounted installation
- 5-16v DC power input
- Size: 135 x 47.5 x 16mm

Part No: ASR1201D

Dahua Vandalproof RFID Password Reader



- RS485 & Wiegand protocols
- Supports 13.56MHz Mifare cards & fobs
- All-metal buttons with blue backlight
- Red and Green indicator LEDs
- Watch dog function
- Surface mounted installation
- 9-15v DC power input
- Size: 110 x 85 x 26mm

Part No: ASR1101M

Dahua Fingerprint RFID Reader



- RS485 & Wiegand protocols
- Supports 13.56MHz Mifare cards & fobs
- Fingerprint reader
- Up to 3000 fingerprints capacity
- Blue backlight
- Watch dog function
- Bleep and indicator
- Surface mounted installation
- 9-15v DC power input
- Size: 165 x 57 x 29mm

Part No: ASR1102A-V2

Stand Alone Reader



One Door Two Way Stand Alone Waterproof Fingerprint & Password Reader

- Touch keyboard and LCD display
- Up to 30,000 valid cards & 150,000 records
- Supports 13.56MHz Mifare cards & fobs
- Supports card, password & fingerprint readers
- TCP/IP to PC, support WAN communication
- Supports P2P via Smart PSS
- Door time out alarm, intrusion alarm, duress alarm and tamper alarm
- Wiegand or RS-485 interface to reader
- Anti-passback and multi-card open
- USB import/export configuration or log file
- Up to 128 time and holiday schedules
- 9-15v DC power input (PSU required)

Part No: ASI1212D

Magnetic Locks

Single Door Magnetic Lock



- 280KG Anti-pull
- Built-in reverse current protection device
- Aluminium shell with high strength alloy material
- Can be set DC12V or DC24V
- Electromagnetic suction
- Double lock body insulation treatment
- Size: 250 x 47 x 26mm

Part No: DHI-ASF280A

Double Door Magnetic Lock



- 280KG x2 Anti-pull
- Built-in reverse current protection device
- Aluminium shell with high strength alloy material
- Can be set DC12V or DC24V
- Electromagnetic suction
- Double lock body insulation treatment
- Size: 500 x 47 x 26mm

Part No: DHI-ASF280B

Mute Lock



- Multi direction, left or right hand side
- 15 second lock delay
- Quiet locking mechanism
- Low power consumption
- Service life of up to 350000 times
- 12v DC power input
- Size: 126 x 102mm & 40 x 105mm

Part No: DHI-ASF280B

Magnetic Lock Brackets



Description	Part Number
L Bracket For Magnetic Lock For DHI-ASF280A/B	DHI-ASF280L



Description	Part Number
ZL Bracket For Magnetic Lock For DHI-ASF280A/B	DHI-ASF280ZL



Description	Part Number
U Bracket For Magnetic Lock For DHI-ASF280A/B	DHI-ASF280U



Description	Part Number
F Bracket For Magnetic Lock For DHI-ASF280A/B	DHI-ASF280F

Accessories

4 Wire Door Contact



- Mini-Surface Contact Potted 4-Core
- Single Reed
- Colour: White
- Environmental Class 3
- Operation Gap: 15mm Approx
- Terminals: 4-Core
- Cable Length: 1m
- Dimensions: 38mm x 9mm x 16mm

Part No: MAGNETIC-CONTACT

Press To Exit Button



- Large green button
- Stainless steel plate
- Double pole NO/NC
- Designed for greater than 1 million operations
- 4A @ 30v AC/DC
- Security screws
- Surface or flush mounted
- IP66

Part No: EBGBWC02-PTE

Emergency Break Glass Button



- Photoelectric control technology to prevent the mechanical failure
- Ultra-low temperature design, safe & durable
- Ultra low power design
- Built-in reverse current protection circuit
- A microprocessor chip control circuit
- Plastic case
- Size: 86 x 86 x 50mm

Part No: DHI-ASF921

Card Enrolment Reader



- USB Mifare reader for issuing cards to users
- Used in conjunction with Smart PSS software
- Supports 13.56MHz Mifare cards & fobs
- Powered via USB port

Part No: ASM100

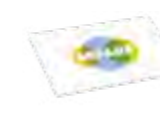
Fingerprint Enrolment Reader



- USB fingerprint reader for adding users
- Used in conjunction with Smart PSS software
- Plug and Play
- Powered via USB port
- 500 DPI
- Size: 75 x 45 x 22mm

Part No: ASM102-V2

Mifare Card



- Mifare card for use with Access Control & Video door entry
- Colour: White
- 13.56MHz operating frequency

Part No: MIFARE-CARD

Mifare Fob



- Mifare card for use with Access Control & Video door entry
- White face for easy labelling
- RFID technology
- 13.56MHz operating frequency
- Teardrop design

Part No: MIFARE-FOB

