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DAHUA TECHNOLOGY
MAKE YOUR LIFE SAFER

Retail Solution
Better Security, Better Management, Better Business

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INTRODUCTION >>

As a world-leading and advanced video surveillance solution provider, Dahua offers professional IP surveillance to protect your store effectively. By deterring crime, it reduces losses and creates a safer environment for staff and customers. With our vast expertise and the breadth of our services, the solution is designed for all types of retailers. Investment on a professional solution for your store is an excellent choice to reap the benefits of more efficient and safe management.

Challenge >>

- How to prevent commodity from stolen?

- How to avoid conflict when a transaction is void?

- How to recognize who is the VIP customer?

- How to know which area is more popular?

- How to improve the overall security level?

- How to optimize the process of customer management?

Dahua retail solution will help you to resolve all of your pluzzlement.

Applied to every corner of your store

Warehouse

Control Center

IPC-IPC-EBW8600

ASI1212A

IPC-HFW5221E-Z

IPC-HFW5221E-Z

Cashier Desk

Store Floor

ARC5808C

IPC-HDBW8331E-Z

CORE VALUE OF RETAIL SOLUTION >>

Multistage linkages to provide better secured environment

To create positive shopping experiences for customers

Provide analysis reports for management strategies-making

Bring enormous business value to managers

SECURITY MANAGEMENT >>

Video Surveillance

Prevent thieves, robbery, crime and other illegal acts.

Intelligent Analysis

Detect suspicious event to prevent crises and reduce profit loss.

Access Control

Access control links to CCTV to double confirm the visitor's details.
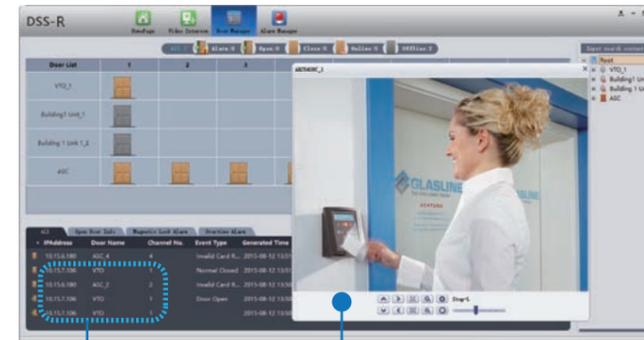
Open Records   Corresponding Video   Identity Information
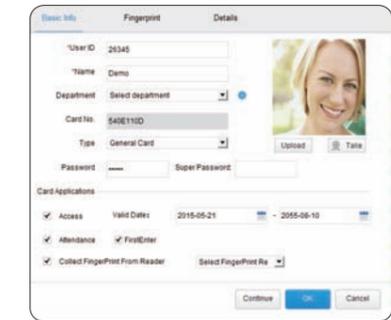
· Access control effectively insures the safety of the warehouses, offices, etc.
· Access control remarkably prevents the crises and loss.

Alarm

Alarm can connect to CCTV to provide corresponding video.


Glass Break Detector
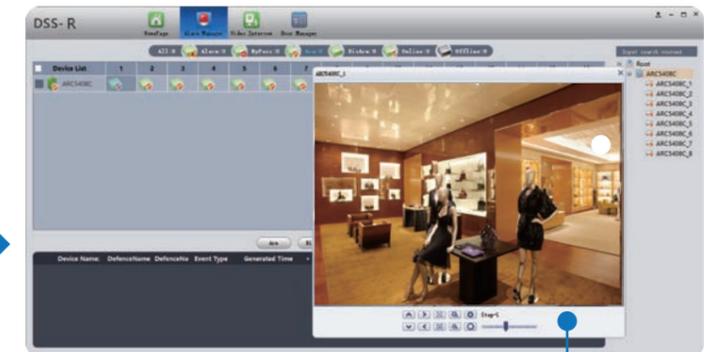
Corresponding Video

· Avoid property damage by installing alarm detectors, such as PIR detector, dual-beam radiation detector, glass break detector, sound & light siren, smoke detector, etc.
· Once alarming, the system will respond accordingly for administrative staffs to do the further safety confirmation.

POS INTEGRATION >>

Real-time Overlapping Display

Real-time Video   POS Information
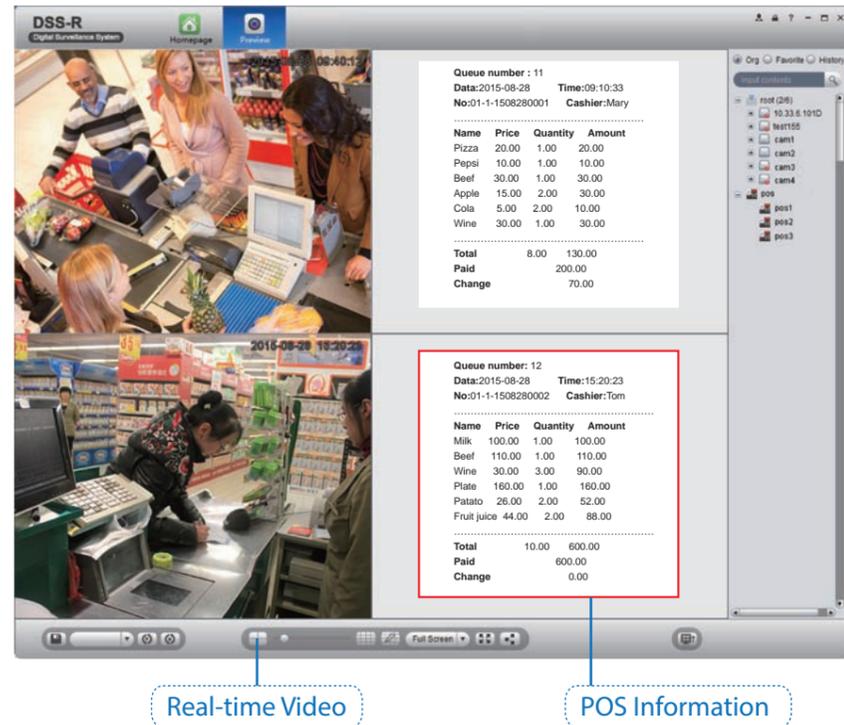
Real-time video and the binding POS information can be showed simultaneously in the preview window.

## Search and Playback

POS Information   Video Playback
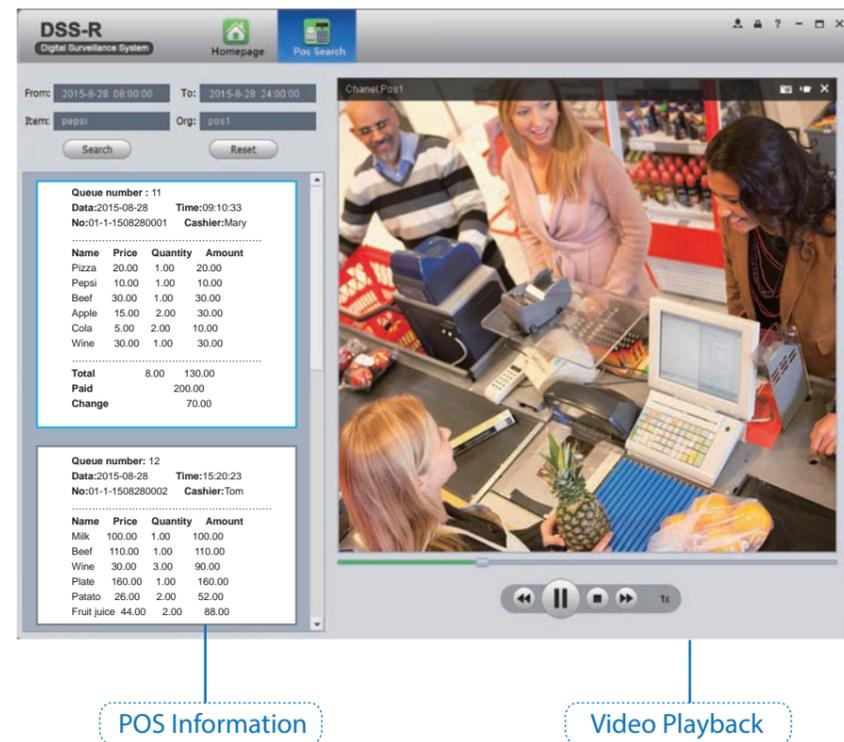
Seach the key words such as time frame, trade name, POS terminal to replay the corresponding video.

CCTV connect with transaction data to prevent employee theft

Transaction data with corresponding video

Each transaction is stored by attached video.

Wrong Change
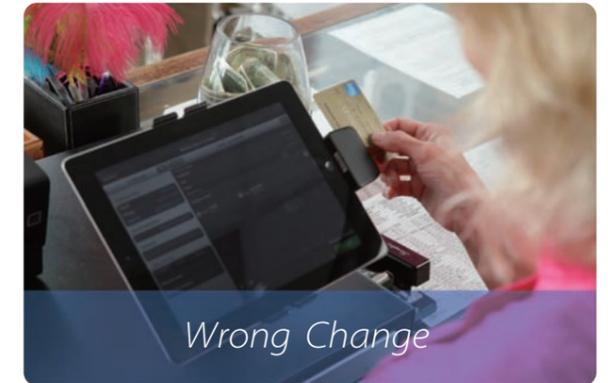
The video of transaction data can clarify the dispute when a customer claims being short changed.

Void Transaction

Transaction data with attached video can definitely explain the reason of void transation.

Unauthorized Discounts

Unauthorized discounts given to customers, family or friends is a large problem among retailers.

No-Sales
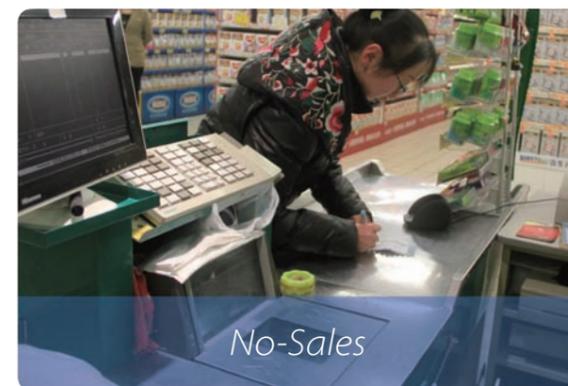
When the cash counter is open but without any transactions.

Granting Returns

Granting return is a way to transfer money from the cash counter to a friend or oneself when there is no item returned, or no customer presents.

VISUAL SHOPPING MANAGEMENT >>

Run your retail business intelligently via Dahua security management to win more profits.
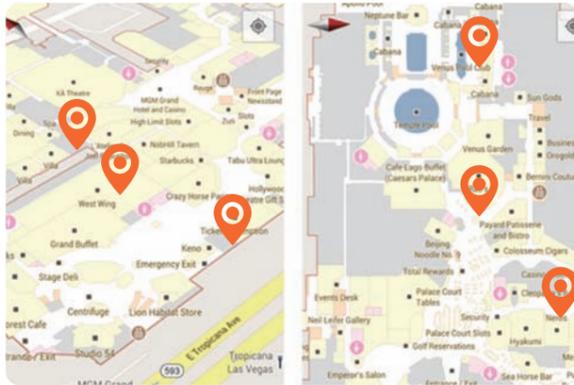
Electronic Map

Drag the monitoring devices, alarm devices and access control devices into electronic map to realize visualization of the management.
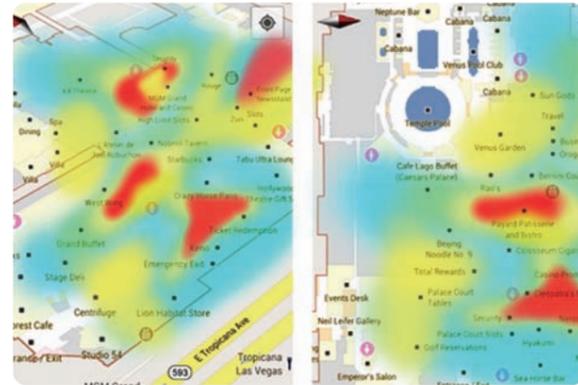
Heat Map

Study customer traffic flow to design the store layout or place the goods cleverly according to the heat map to generate more interests or create more sales.

Entrance: 15
Exit: 8

People Counting

Accurate number counting of customers in and out.

Management Efficiency

The integrated system provides an efficient tool to compare key loss prevention metrics for cashiers, stores, districts or an entire chain. It enables managers to stay one step ahead when it comes to preventing internal loss.

Graphic Reports

Manage your business and make strategies according to clear and comprehensive graphic reports, such as the customer traffic flow, heat map information, POS information and so on.
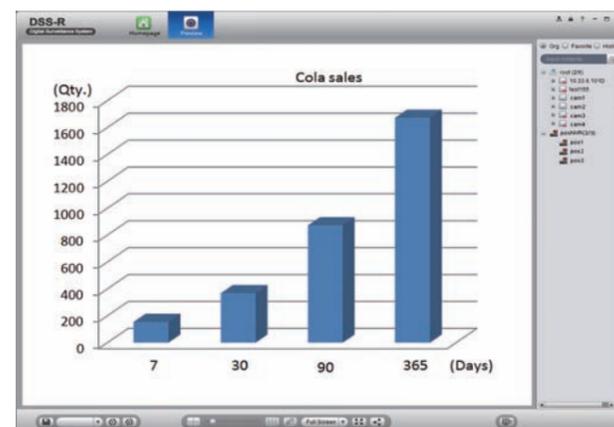
MOBILE SECURITY MANAGEMENT >>

Connect to the surveillance system with your mobile devices anytime and anywhere


Watch Playback

See Live View

Real-time grasp the store's situation, improve the management efficiency

Take Snapshots

Notification Push

Flexible solution architectures meet the security needs of retail store of different scales.

Small Scale

Fish eye

Store

IPC

Printer

Box

POS

NVR

Internet

Cashier Desk

Local Display

Ultra-Smart IPC

Doorway

Net Cable
Parallel port cable

Medium & Large Scale

Printer   POS
IPC

Box

Cashier Desk

HDCVI Dome Camera

Printer   POS

Box

Cashier Desk

HCVR

NVR

Fish eye   Ultra-Smart IPC

Store   **Doorway**

DSS4004-R

Alarm Host   Controller

Alarm Sensor   Card Reader

Internet

2 wires
Net Cable
RS 485/ Wiegand
Coaxial Cable
Parallel port cable

- IPC is installed towards the cashier desk which allows the overlapping display of POS informantion and video.
- Ultra-Smart IPC for people counting is installed towards the doorway of the store.
- Fish eye plays a role in monitoring the whole scene of the store.
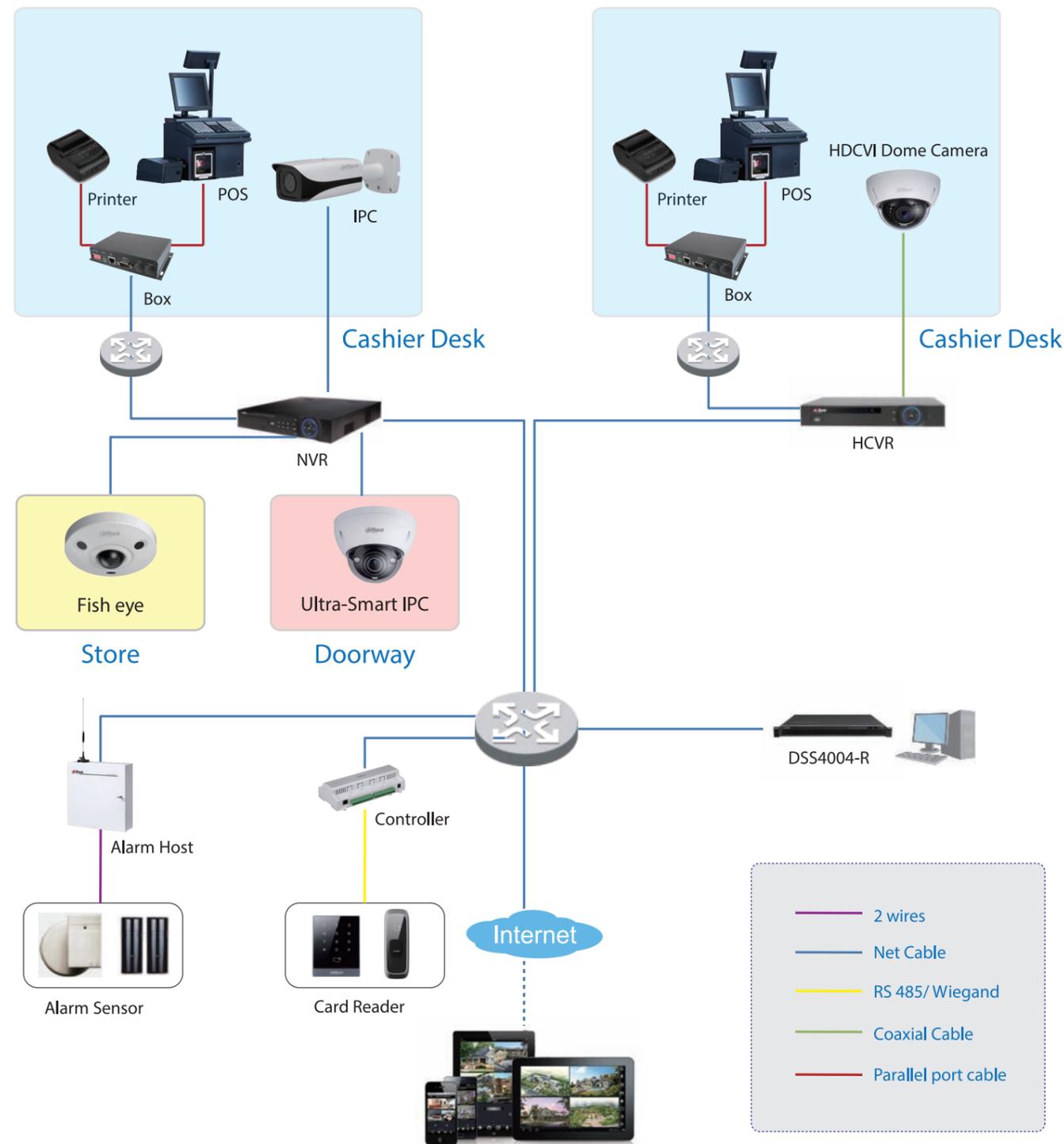
- IPC or HDCVI camera is installed towards the cashier desk which allows the overlapping display of POS informantion and video.
- Ultra-Smart IPC for people counting is installed towards the doorway of store.
- Fish eye plays a role in monitoring the whole scene of the store.
- Access control and alarm devices are installed in the store or warehouse according to your needs.
- Unified management of the DSS platform.

IPC-HFW5221E-Z

· 25/30fps@1080P(1920× 1080)
· WDR
· Smart Detection supported
· 2.7~12mm motorized lens
· Max. IR LEDs Length 50m
· IP67, PoE

IPC-EBW8600

· Max 25/30fps@6.0M(3072x2048)
· Multiple De-wrap Mode: Original, Panoramic,
  Double Panoramic, 1+3, Eptz, 4 pictures
· DWDR
· Max.IR LEDs Length 10m
· Micro SD memery, IP67, IK10, PoE

HAC-HDBW2220R-VF

· 25/30@1080P, 25/30/50/60fps@720P
· High speed, long distance real-time transmission
· Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
· 2.7~12mm vari-focal lens
· Max. IR LEDs length 30m, Smart IR
· IP66, IK10, DC12V

HAC-HDW2220R-Z

· 25/30fps@1080P, 25/30/50/60fps@720P
· High speed, long distance real-time transmission
· DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
· 2.7~12mm motorized lens
· Max. IR LEDs length 60m, Smart IR
· IP67, DC12V

IPC-HFW8281E-Z

· Max 50/60fps@1080P
· Ultra WDR up to 120dB
· Ultra 3D DNR
· Smart Detection Features
· People Counting
· Micro SD memory,IP66,PoE

IPC-HDBW8331E-Z

· Max 25/30fps@3MP(2048x1536)
· Ultra WDR up to 140dB
· Ultra 3D DNR
· Smart Detection
· People Counting
· Micro SD memory, IP66, IK10, PoE

HCVR5816S-V2

· Support HDCVI/Analog/IP Video input
· All channel 720P realtime or 1080P non-realtime recording
· 16 channel synchronous realtime playback,
  GRID interface & smart search
· Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
· 3D intelligent positioning with Dahua PTZ dome camera

HCVR5116H-S2

· Support HDCVI/Analog/IP Video input
· All channel 720P realtime or 1080P non-realtime recording
· 16 channel synchronous realtime playback, GRID interface
  & smart search
· Support 1 SATA HDD up to 4TB, 2 USB2.0
· 3D intelligent positioning with Dahua PTZ dome camera

NVR4416-16P

· H.264/MJPEG dual codec decoding
· Max 200Mbps incoming bandwidth
· Up to 5Mp resolution preview&playback
· 16 channel synchronous realtime playback, GRID interface
· Support Multi-brand network cameras, ONVIF 2.4
· Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB
· Support IPC UPnP, 16PoE ports

NVR608-32-4K

· Max 32 channel IP cameras connection
· Max 384Mbps incoming bandwidth
· Up to 12Mp resolution preview& playback
· 1 VGA+2 HDMI
· Support RAID 0/1/5/6/10/50/60
· Support N+M hot standby
· Support iSCSI to expand storage space

DSS4004-R

· Embedded Linux machine, 30 * 24 hours stable operation
· Video monitoring, alarm, access control, POS integration
· Support single input of 300Mbps,
  forwarding of 300Mbps, and storage of 100Mbps.
· 4 local hard disks

NE-NP6000

· Interface:RS232（1200-115200bps）
· Net port,2 parallel port
· working mode:TCP Server,TCP Client, UDP,TCP Server modbus
· Power:DC12V—DC24V（＜3W）

ASC1204B

· Support multiple cards(default IC card)
· Support card, password, fingerprint and combination
· Wiegand or RS-485 interface to readers
· Support 128 efficient time and holiday schedules
· Anti-pass back, anti-interlock

ASI1212A

· Touch keyboard and LCD display
· Support multiple cards(default IC card)
· Wiegand or RS-485 interface to readers(1 door)
· Support 128 efficient time and holiday schedules
· Attendance function

ASR1101A

· Support card, password
· Wiegand or RS-485 protocol
· Sensitive touch keypad with blue backlight (1101A)
· Beep and indicator

ARC5808C

· 8 zones, cut and short circuit detect
· 4ch control output, 1 control siren output
· 8 ch Analog/Network Video input
· Support 2SATA HDD

ARC2008C

· 8 channel local alarm input, 4 channel alarm output
· 8-ch alarm keyboard input
· Wireless remote control to arm/disarm
· Mobile alarm arming/disarming
· 2G network alarm function (-G model)

ARK20C-W

· Max support 72 zones
· 20 keys and LCD screen
· Support with backlight
· 1km transmit distance (open area)

SUCCESS STORIES >>

Dahua Retail Solution Secures Arabian Center in **Dubai**

Dahua 2-Megapixel Eco-Savvy network cameras are applied, different models for different occasions. To be specific, WDR cameras use in-house algorithm to show better image performance, especially for the weather in Dubai. Low light cameras is also a good choice for warehouse monitoring. The whole system runs on Dahua Smart PSS to have a central control and management.

Dahua Provides HDCVI Solution for Hypermarket in **Muscat**

LULU Hypermarket is the largest shopping mall in Oman, located in Muscat. Dahua's HDCVI cameras cover both inside and outside of the mall, as well as parking floor. Dahua also provides central storage devices, control center devices and DSS management platform to secure the Hypermarket.