

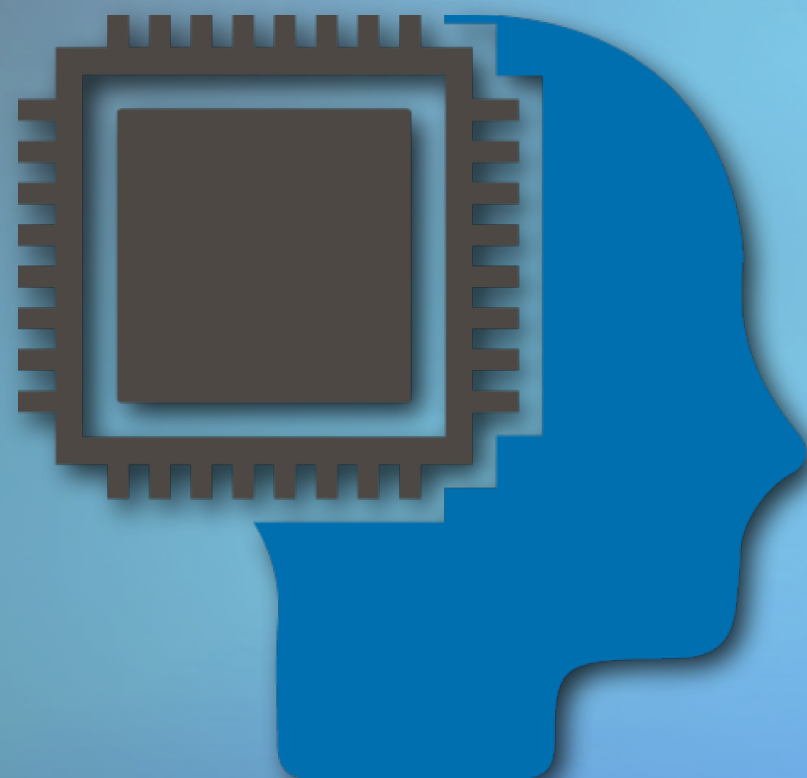
VD8700 / FD8700-FR

Vision of Security



VD8700 / FD8700-FR

Introduction



Deep Learning

← VD8700 collects human face information. More pictures VD8700 has in its database, more accurate in term of face recognition.



VD8700



VD8700, SPEC

1/2.5" progressive scan low Lux CMOS

4K, 8 MP (3840 x 2160) @ 30 fps

Triple Stream: H.265, H.264, MJPEG

IR Distance: 40 m (130 ft)

WDR and Low Lux

Horizontal FOV: 3.3 ~ 12 mm, 106 ~ 42 degree

3-axis mechanism (Pan / Tilt / Rotate)

VD8700



VD8700, SPEC

One way Audio, Audio Codec: G.711

Outdoor Usage , IP66 / IK10

1 IN / 1 OUT

Operating Temperature:
-30 ~ 50 C or -22 ~ 122 F

Build-in Video Analytics: Face Recognition, Tampering
Alarm, Privacy Mask,...etc

DC 12V / PoE (IEEE 802.3af)

FD8700-FR



FD8700-FR, **SPEC**

1/2.5" progressive scan low Lux CMOS

4K, 8 MP (3840 × 2160) @ 30 fps

Triple Stream: H.265 and H.264

IR Distance: 40 m (130 ft)

WDR and Low Lux

Horizontal FOV: 3.3 ~ 12 mm, 106 ~ 42 degree

3-axis mechanism (Pan / Tilt / Rotate)

FD8700-FR



FD8700-FR, **SPEC**

One way Audio, Audio Codec: G.711

Indoor Usage

1 IN / 1 OUT

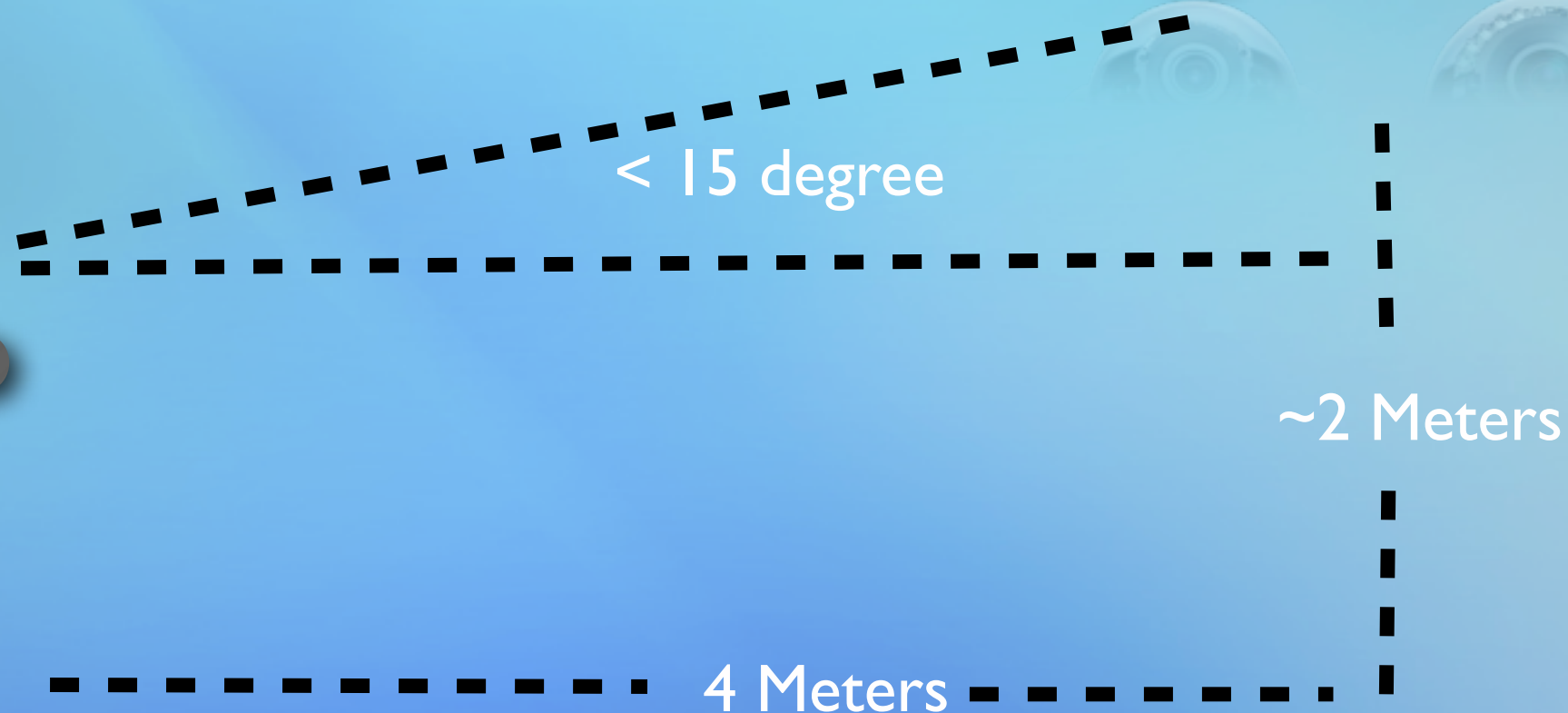
Operating Temperature:
-30 ~ 50 C or -22 ~ 122 F

Build-in Video Analytics: Face Recognition, Tampering Alarm, Face Detection,...etc

DC 12V / PoE (IEEE 802.3af)

VD8700 / FD8700-FR

Installation



VD8700 / FD8700-FR

Features



Face Recognition
& Event Query
By Time, Name, Group
Organization , Note



VD8700 / FD8700-FR

Features



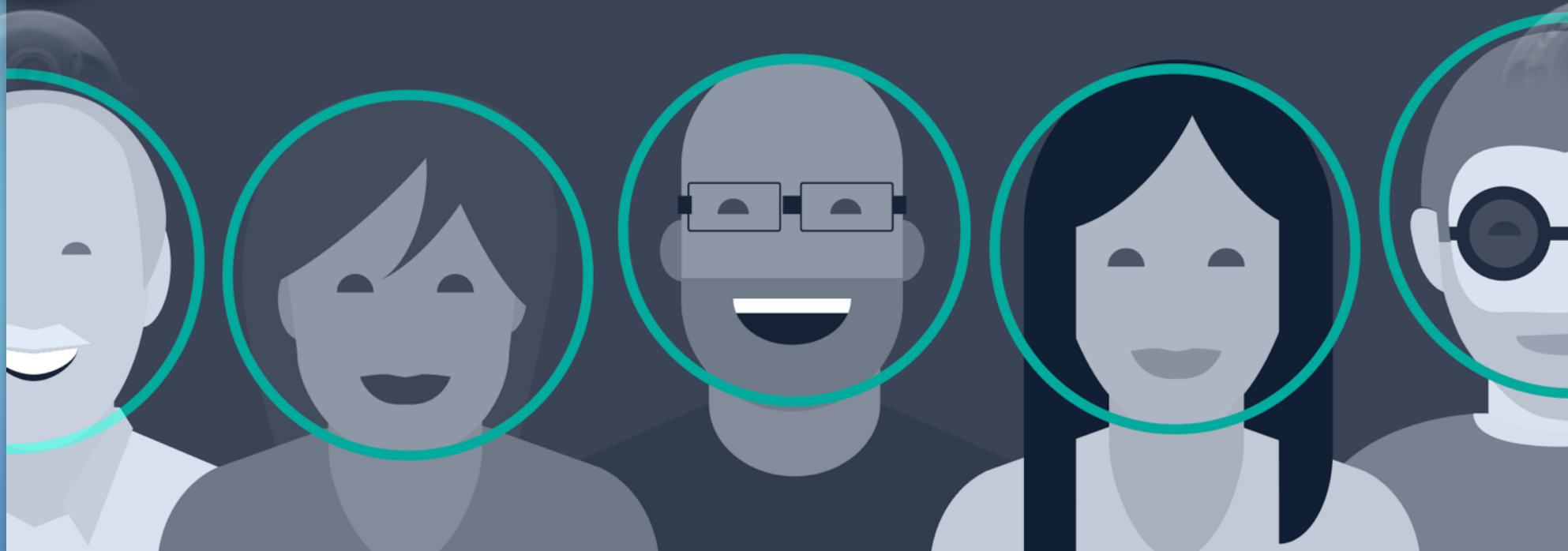
*Instant Face Recognition
up to 10 faces simultaneously*

VD8700 / FD8700-FR

Features

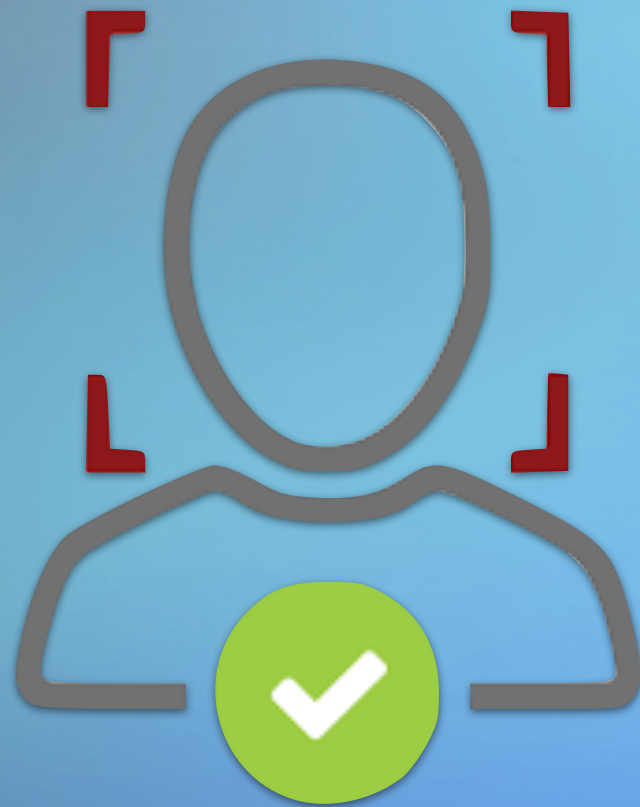


Store up to 10,000 faceID



VD8700 / FD8700-FR

Features: Face Enrollment



- ❖ Via VD8700's / FD8700-FR Webpage
 - ❖ Enroll the face and do the event query
- ❖ Via Mobile APP for iOS & Android (GV-Face)
 - ❖ GV-Face is an APP to add face and create group for VD8700 / FD8700-FR
- ❖ Via VMS
 - ❖ GV-VMS is record video files, enroll the face for VD8700 / FD8700-FR, receive face result and retrieve faces via after search

VD8700 / FD8700-FR

Features



VD8700 / FD8700-FR

Features



Compatible with
third-party software
integration via ONVIF
protocol or open SDK
(C++)



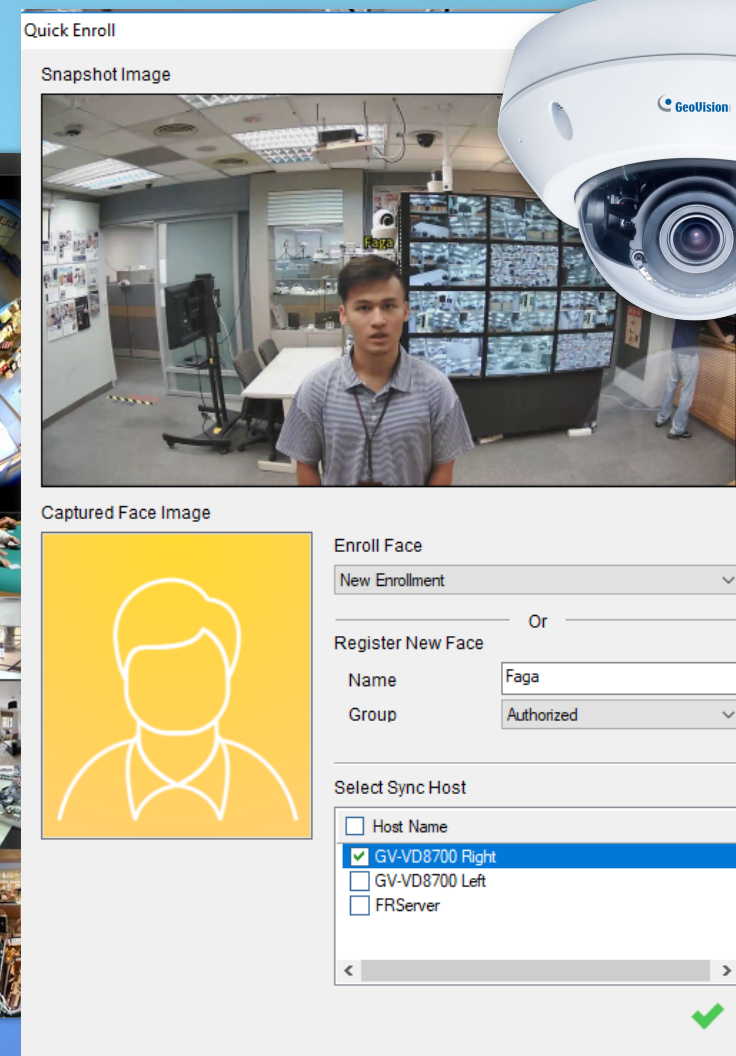
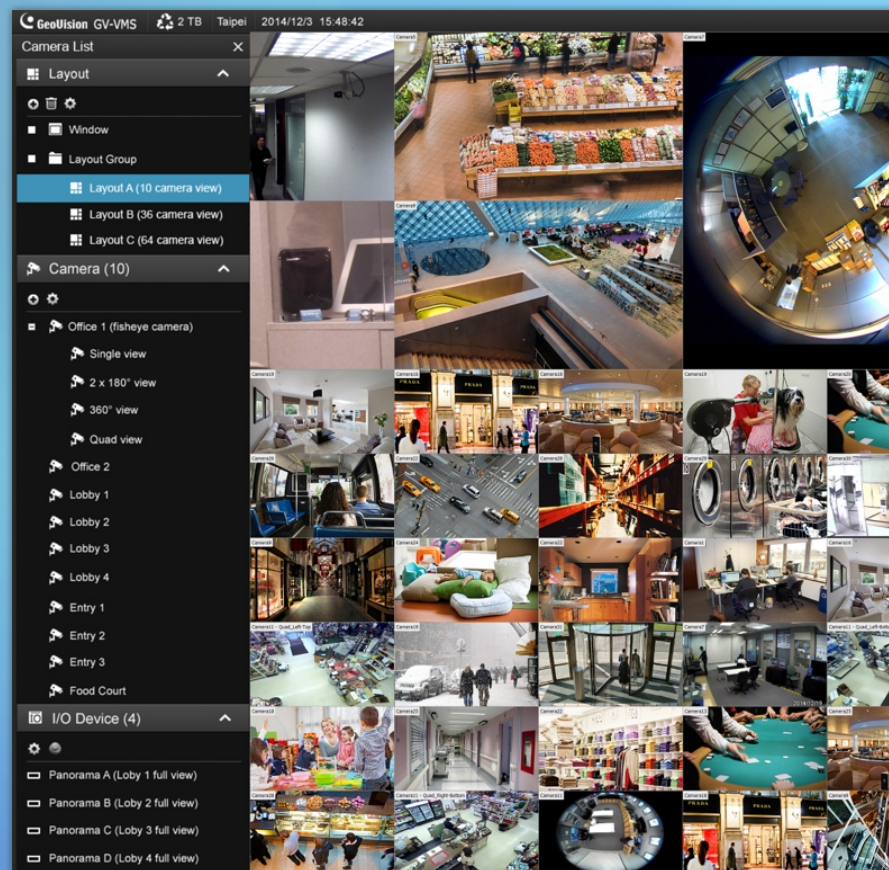
VD8700 / FD8700-FR

Features: Integrate with VMS v18.1



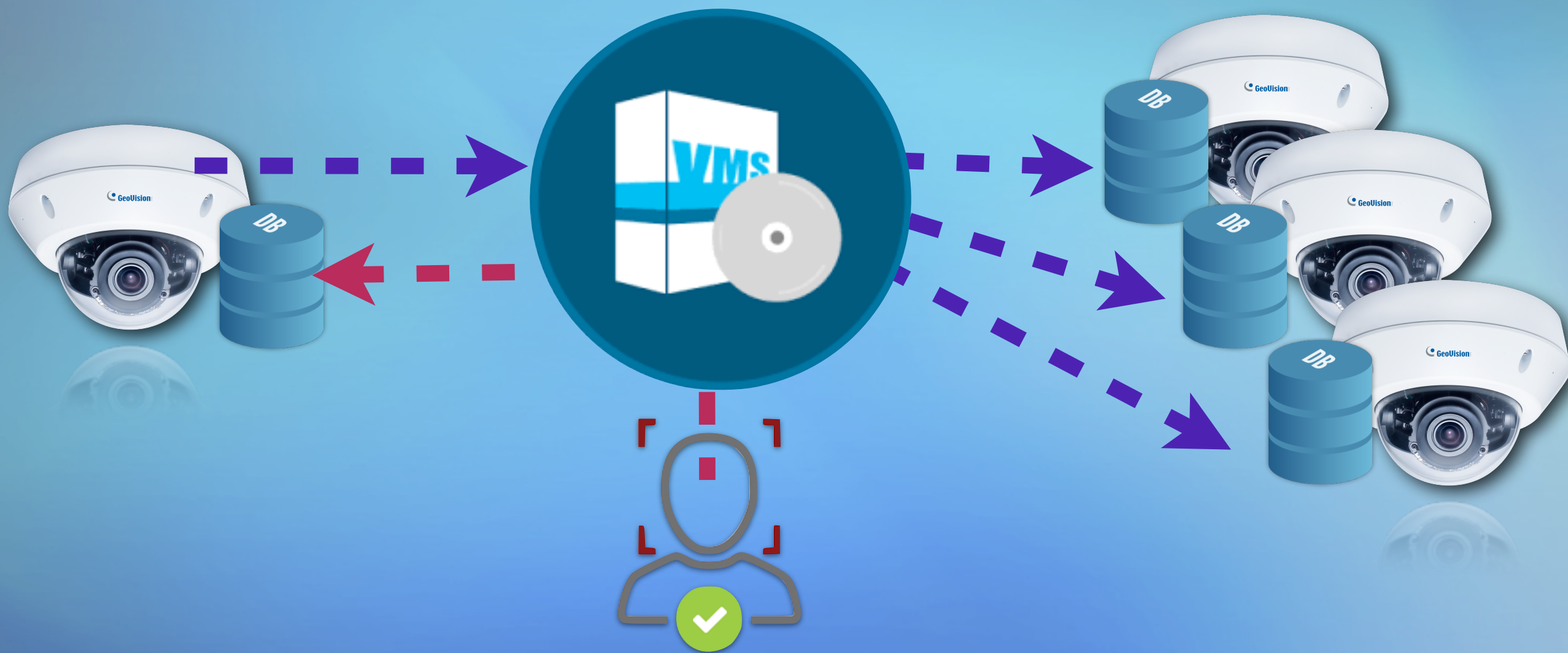
VD8700 / FD8700-FR

Features: VMS v18.1 - Quick Face Enroll in Live view and Playback



VD8700 / FD8700-FR

Features: VMS v18.1 - Upload Face data to the other VD8700 & FD8700-FR



VD8700 / FD8700-FR

Features: VMS v18.1 - Face ID Index in Live view



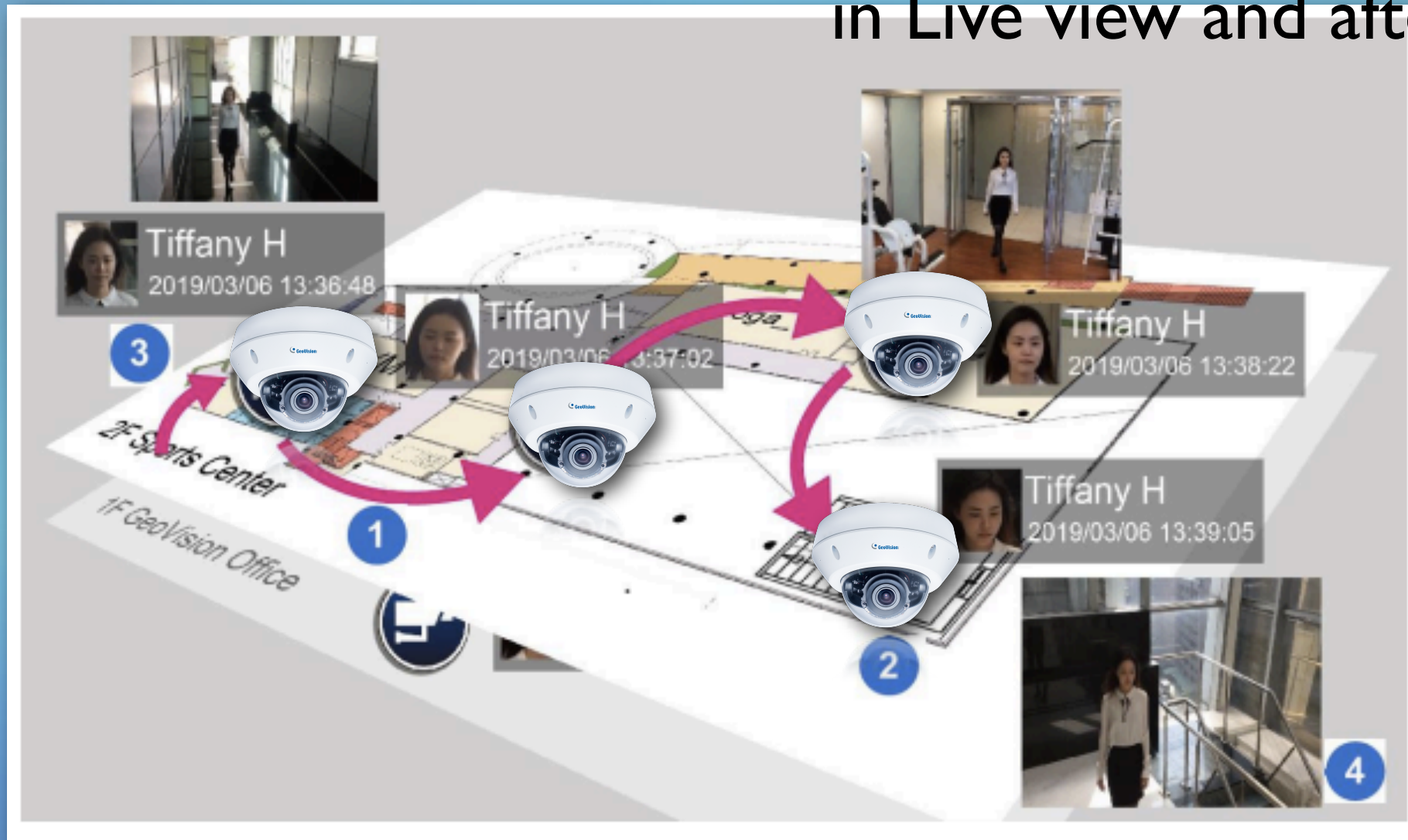
The screenshot displays a software interface with a grid of video feeds. Each feed shows a person's face with an overlay indicating their status: 'Authorized' (green border) or 'Unauthorized' (red border). The interface includes a dropdown menu on the right with options: 'Authorized', 'Show All', 'Show Identified Persons Only', 'Show Unknown Persons Only', 'Authorized', and 'Unauthorized'. The bottom of the interface shows a list of camera names and their corresponding timestamps.

Camera Name	Timestamp
GV-BX2700-FD Right	5/6/2020 10:55:47
GV-BX2700-FD Right	5/6/2020 10:51:05
GV-BX2700-FD Right	5/6/2020 10:51:01
GV-BX2700-FD Right	5/6/2020 10:50:03
GV-BX2700-FD Right	5/6/2020 10:48:32
GV-BX2700-FD Right	5/6/2020 10:22:01
GV-BX2700-FD Right	5/6/2020 10:21:53

Use Color to define
authorized or
unauthorized group

VD8700 / FD8700-FR

Features: VMS **v18.1** - 3D Emap with a route
in Live view and after search



VD8700 / FD8700-FR

Features: VMS v18.1 - Face Search



Word(s): 980 Confidence Score: 60 %

Image	Record	Name	Group	Camera Name	Time	Age	Gender	Alert	Never Recycle
		Unknown	N/A	GV-VD8700 Right	5/7/2020 2:37:24 PM	25	Male		Never Recycle
		Unknown	N/A	GV-VD8700 Right	5/7/2020 2:37:23 PM	27	Female		
		Unknown	N/A	GV-VD8700 Right	5/7/2020 2:37:07 PM	55	Male		
		Unknown	N/A	GV-VD8700 Right	5/7/2020 2:37:06 PM		Female		

Or Grab Live View Snapshot
then do Face Query

VD8700 / FD8700-FR

Features: VMS v18.1 - Face Search

Query

Choose Camera

- ☐ GV-BL1501
- ☐ GV-UBL2411
- ☐ GV-BL5700
- ☐ GV-MDR3400
- ☐ GV-PPTZ7300-FE
- ☐ GV-PPTZ7300-SD
- ☐ GV-FER12700
- ☐ GV-BX2700-FD Right
- ☒ GV-VD8700 Right
- ☐ GV-BX2700-FD Middle
- ☐ GV-BX2700-FD Left
- ☒ GV-VD8700 Left

Start Time

5/ 6/2020 12:00:00 AM

End Time

5/ 8/2020 11:59:59 PM

☐ Only search daylight saving rollback events

Name

☒ Group

Authorized

Alert

Normal

Age

0 ~ 30

Gender

Male

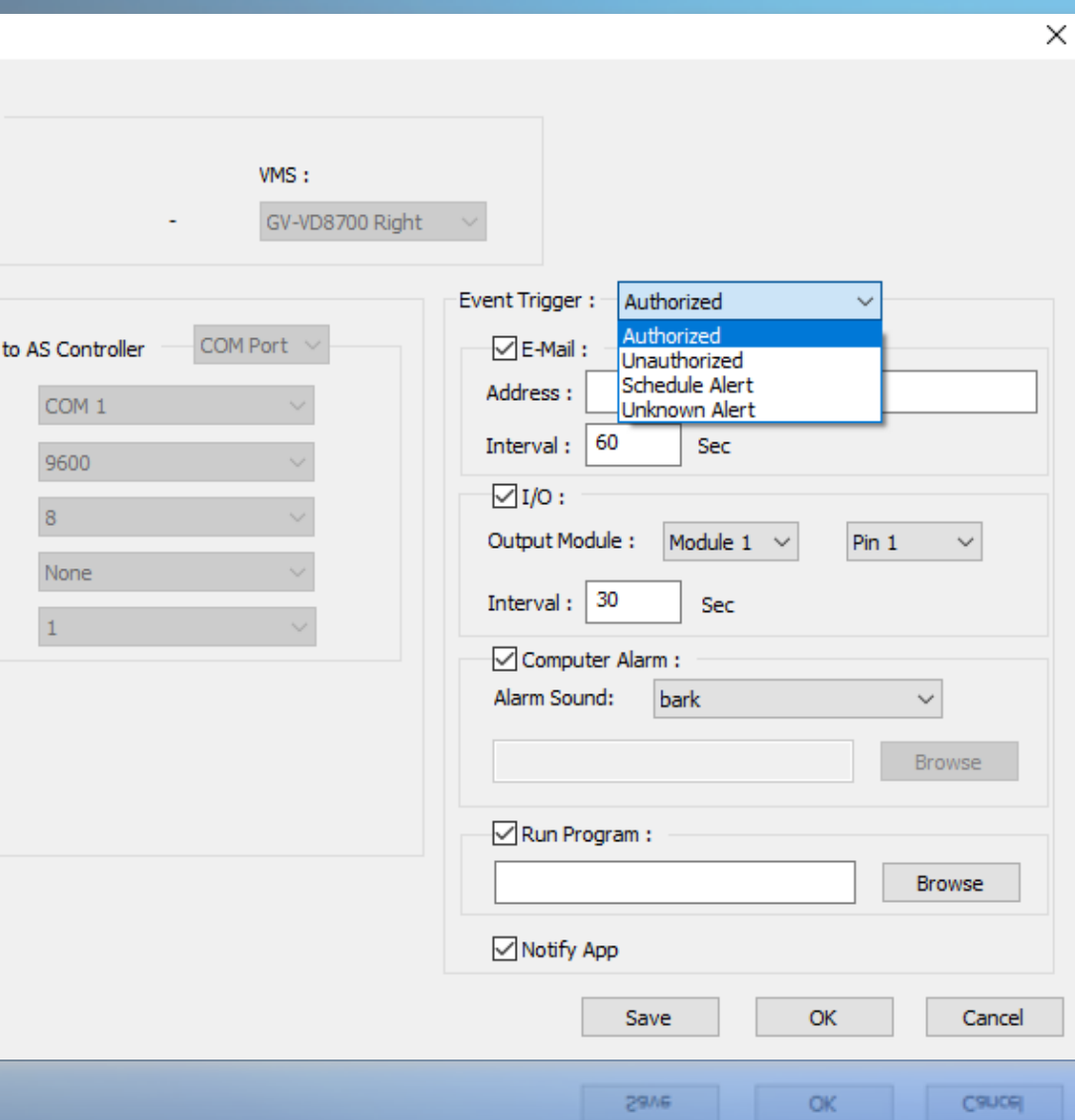
OK Cancel

- ❖ Time Range
- ❖ Name or Type Unknown
- ❖ Group (Authorized or Unauthorized)
- ❖ Age
- ❖ Gender

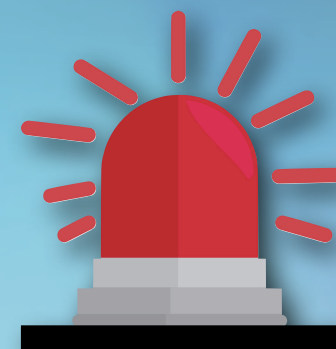


VD8700 / FD8700-FR

Features: VMS v18.1 - Face Notification



- ❖ Email
- ❖ I/O Box
- ❖ PC Alarm
- ❖ Run program
- ❖ Notify APP



VD8700 / FD8700-FR

Features: Integrate with Access Control

Integrate VD8700 / FD8700-FR with ASManager or 3rd Party Access Control System. Use Face ID as Access Card



VD8700 / FD8700-FR

Implementation



VD8700 / FD8700-FR

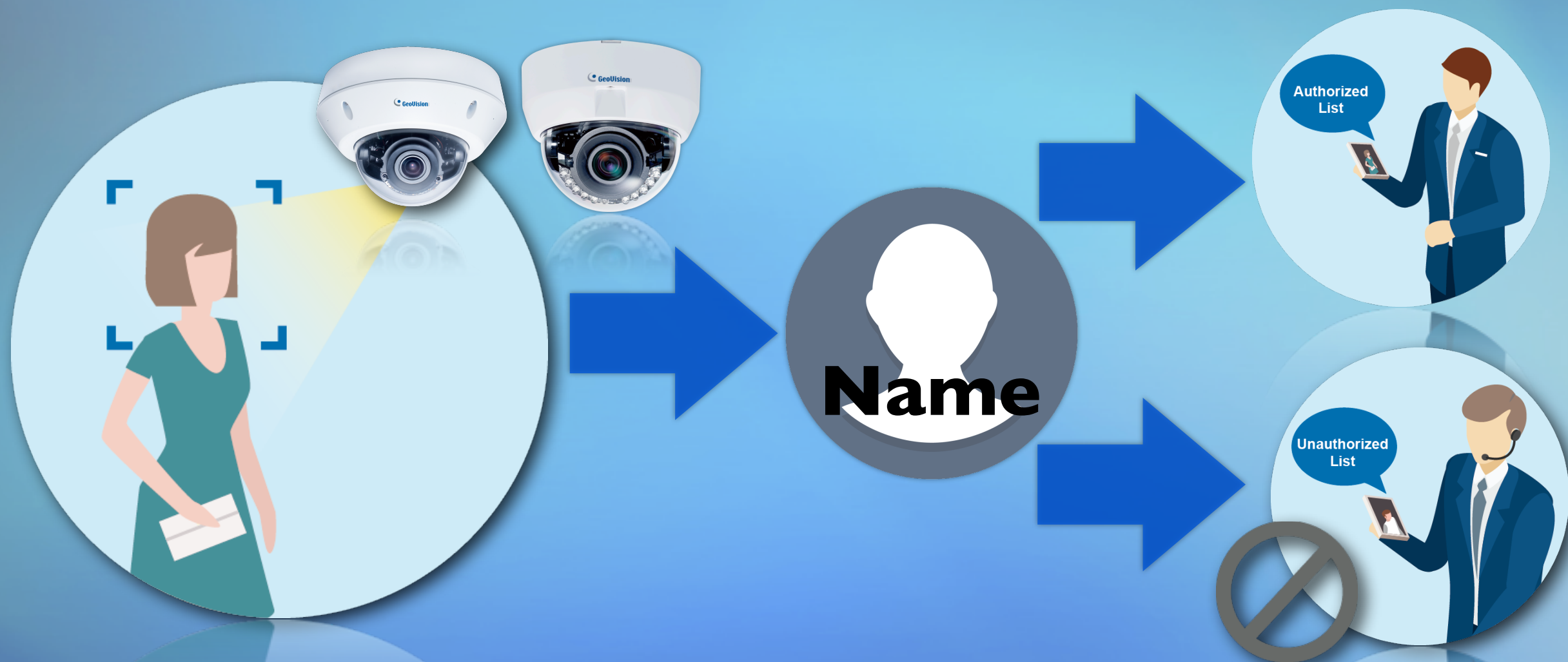
Implementation



- ❖ Standalone Mode
 - ❖ For Entry-Level
- ❖ Advance Mode
 - ❖ For Professional users
 - ❖ Integrated with VMS or ASManager

VD8700 / FD8700-FR

Implementation: Standalone Mode - Retail Store / Restaurant



VD8700 / FD8700-FR

Implementation: Standalone Mode - Retail Store / Restaurant

To have better
Customer
Relationship with
VIP clients



VD8700 / FD8700-FR

Implementation: Standalone Mode - Retail Store / Restaurant

Better
Management
Personnel for
security purpose



VD8700 / FD8700-FR

Implementation: Standalone Mode - Supermarket



Identify the customers
for self check-out



VD8700 / FD8700-FR

Implementation: Standalone Mode - Time Attendance at educational field



Make sure your kids are at school

VD8700 / FD8700-FR

Implementation: Standalone Mode - Dormitory Curfew



Who is still wandering at night after curfew?

VD8700 / FD8700-FR

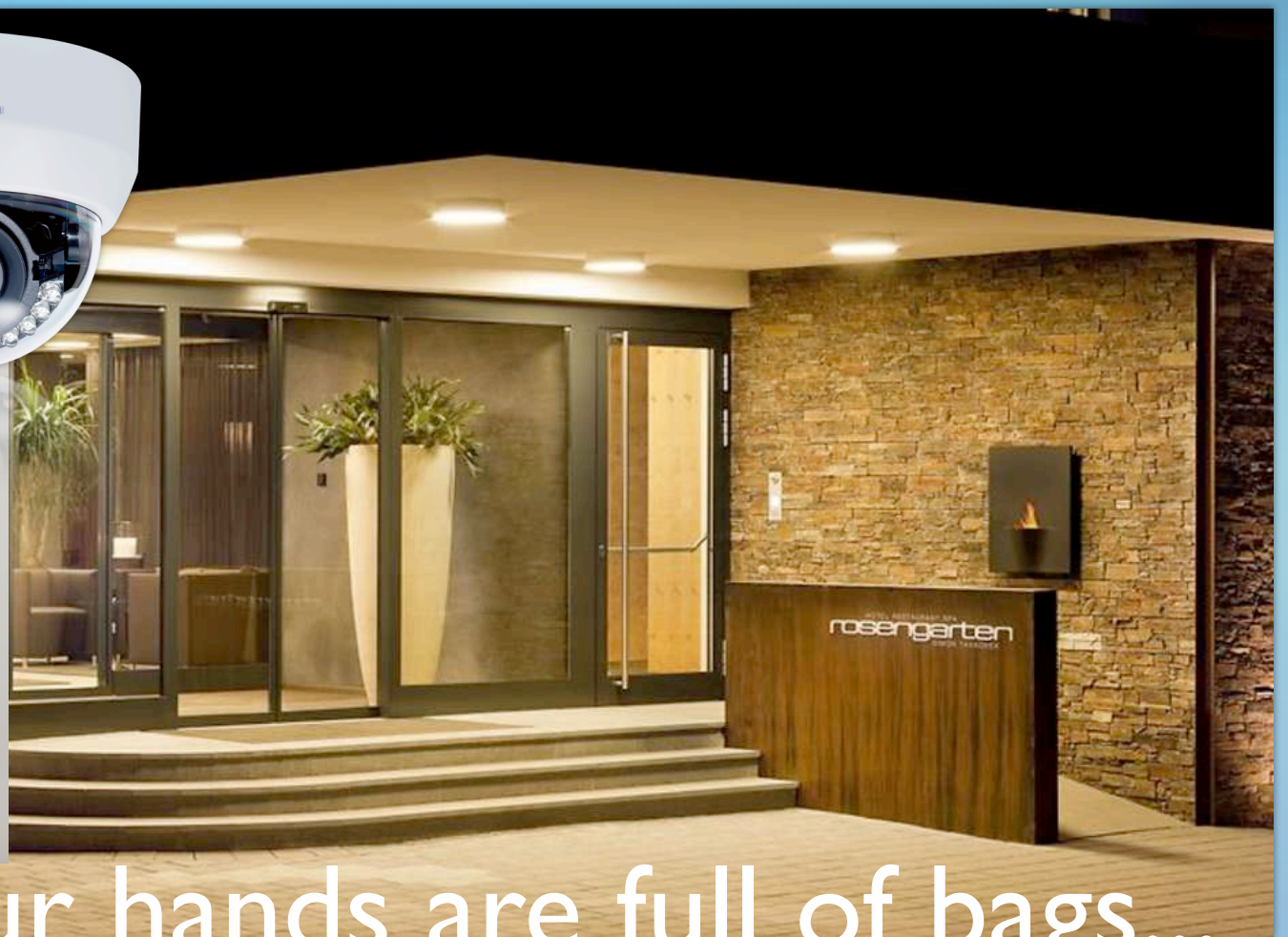
Implementation: Standalone Mode - Office



Forgot to bring your access card at work?

VD8700 / FD8700-FR

Implementation: Standalone Mode - Residential



When your hands are full of bags...

VD8700 / FD8700-FR

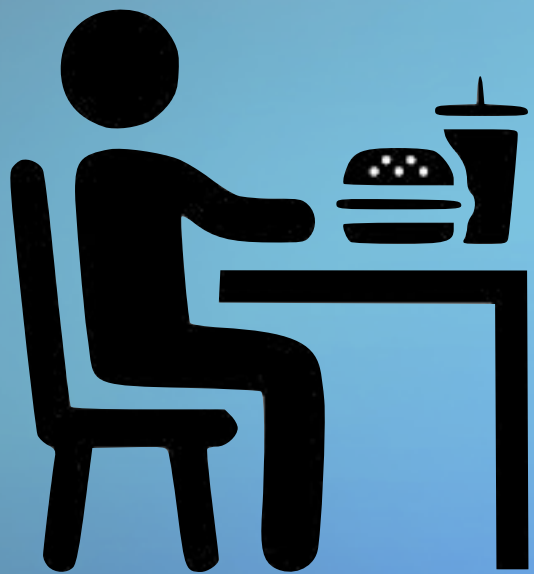
Implementation: Standalone Mode - Server Room
& Laboratory



Notify any unauthorized
person in the room

VD8700 / FD8700-FR

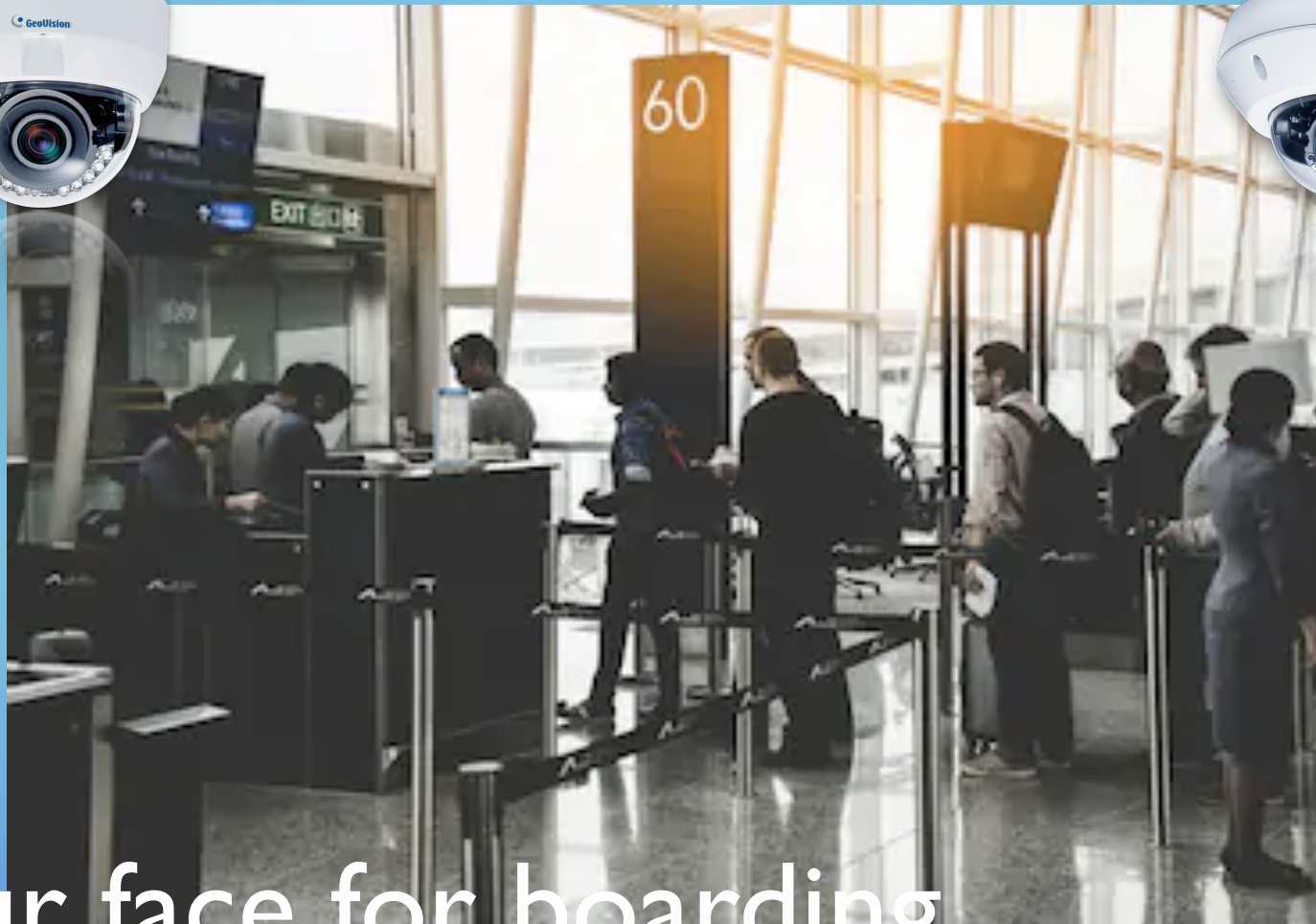
Implementation: Standalone Mode - Cafeteria



Only authorized staff can enter Cafeteria

VD8700 / FD8700-FR

Implementation: Standalone Mode - Boarding

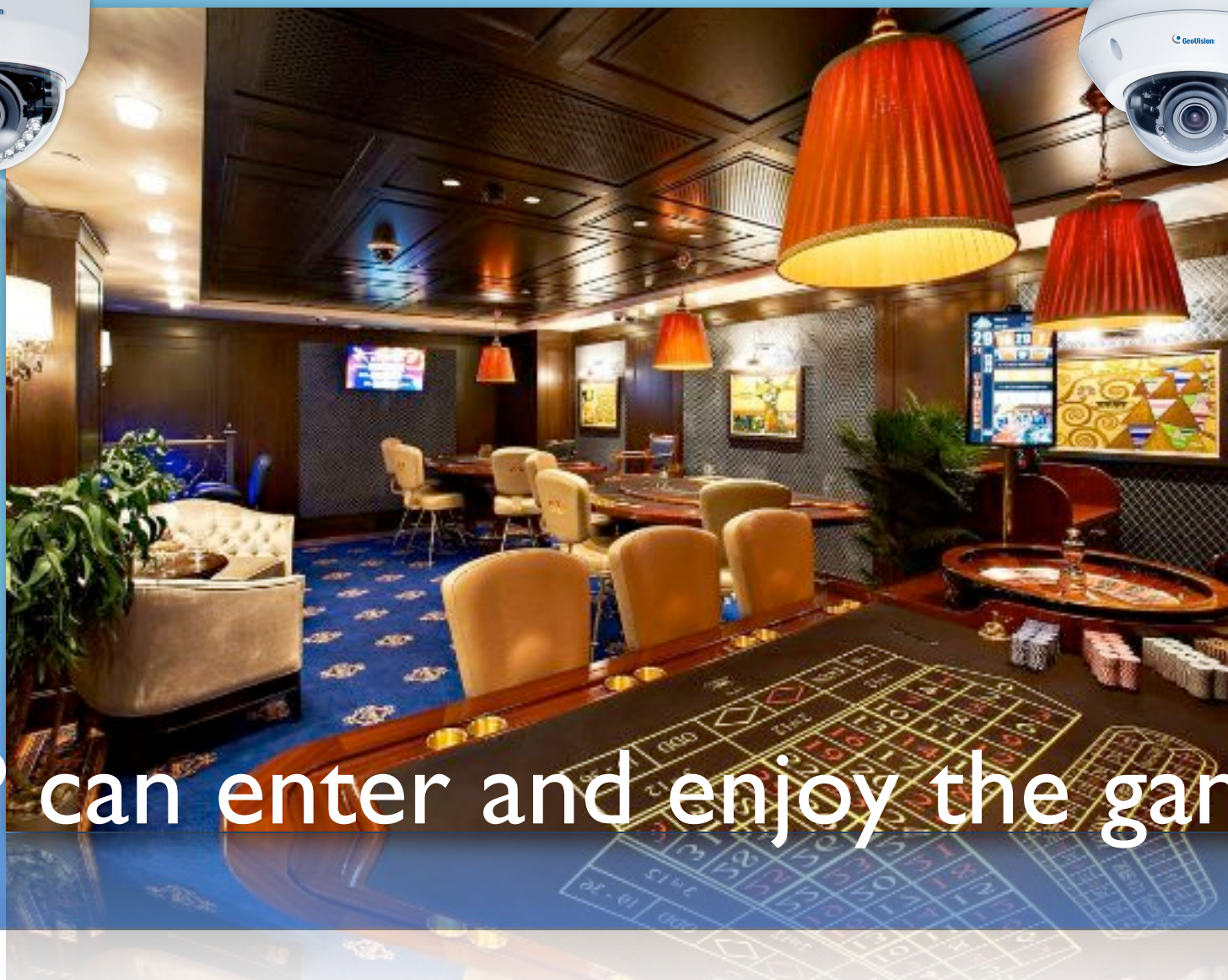


Scan your face for boarding



VD8700 / FD8700-FR

Implementation: Standalone Mode - Casino



Only VIP can enter and enjoy the game



VD8700 / FD8700-FR

Implementation: Advance Mode - Time Attendance at work



Daily working hours and Salary Calculation

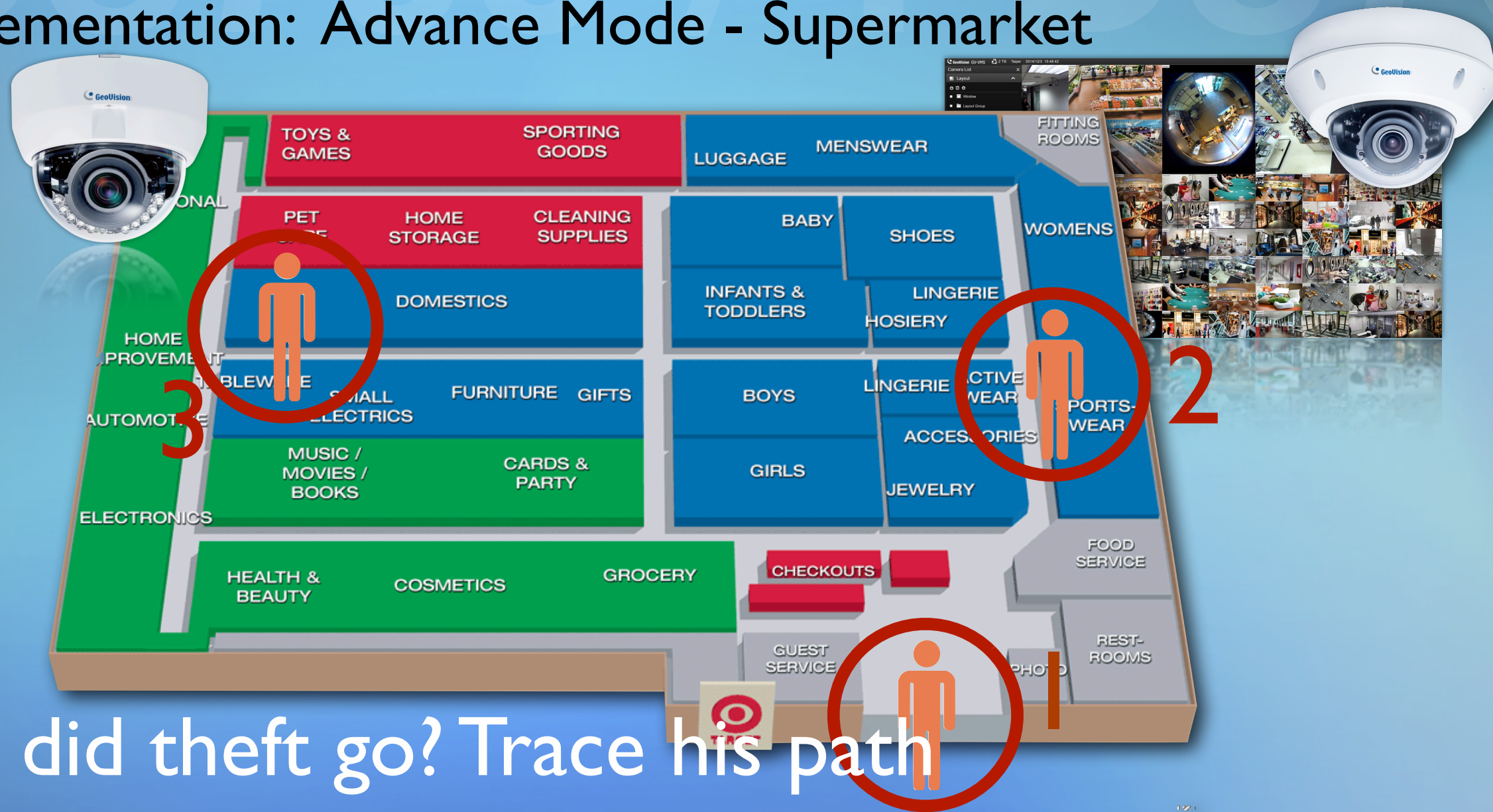
VD8700 / FD8700-FR

Implementation: Advance Mode - Residential building



VD8700 / FD8700-FR

Implementation: Advance Mode - Supermarket



VD8700 / FD8700-FR

Live Demo



LIVE DEMO ✓

Live Demo via YouTube

[https://www.youtube.com/playlist?
list=PLd0W1eNZ7efUpcbzbmagd2sacyeKF
zSmM](https://www.youtube.com/playlist?list=PLd0W1eNZ7efUpcbzbmagd2sacyeKFzSmM)

VD8700 / FD8700-FR

FAQ: Where can I find some info regarding to VD8700
& FD8700-FR?



Please refer to our official website or link below.

[http://www.geovision.com.tw/
product/GV-VD8700](http://www.geovision.com.tw/product/GV-VD8700)

[http://www.geovision.com.tw/
product/GV-FD8700-FR](http://www.geovision.com.tw/product/GV-FD8700-FR)

VD8700 / FD8700-FR

FAQ: Any FAQ on VD8700 & FD8700-FR?



Please refer to our official website or link below.

[https://s3.amazonaws.com/
geovision_downloads/Manual/IPCAM/EN/
GV-Face_Recognition_Camera_FAQ.pdf](https://s3.amazonaws.com/geovision_downloads/Manual/IPCAM/EN/GV-Face_Recognition_Camera_FAQ.pdf)

VD8700 / FD8700-FR

FAQ: Any optional Accessories for VD8700 & FD8700-FR?



Please refer to our official website or link below and look for a section called accessories.

[http://www.geovision.com.tw/
product/GV-VD8700](http://www.geovision.com.tw/product/GV-VD8700)

[http://www.geovision.com.tw/
product/GV-FD8700-FR](http://www.geovision.com.tw/product/GV-FD8700-FR)

VD8700 / FD8700-FR

FAQ: Where can i find VD8700's Datasheet?



Please refer to our official website or link below.

[https://s3.amazonaws.com/
geovision_downloads/Manual/IPCAM/
Datasheet/FaceRecognize/
Datasheet_IPCamVD8700.pdf](https://s3.amazonaws.com/geovision_downloads/Manual/IPCAM/Datasheet/FaceRecognize/Datasheet_IPCamVD8700.pdf)

VD8700 / FD8700-FR

FAQ: Where can i find FD8700-FR's Datasheet?



Please refer to our official website or link below.

[https://s3.amazonaws.com/
geovision_downloads/Manual/
IPCAM/Datasheet/FaceRecognize/
Datasheet_IPCamFD8700-FR.pdf](https://s3.amazonaws.com/geovision_downloads/Manual/IPCAM/Datasheet/FaceRecognize/Datasheet_IPCamFD8700-FR.pdf)

VD8700 / FD8700-FR

FAQ: Where can i find VD8700's & FD8700-FR's User's Manual?



Please refer to our official website or link below.

http://54.200.75.24/english/EncodeUrl3.aspx?source=http://dlcdn.geovision.com.tw/Manual/IPCAM/EN/GV-Face_Recognition_Camera_Manual.zip

Thank You!

For more information:

Web Site: <http://www.geovision.com.tw>

E-Mail: support@geovision.com.tw

Phone: +866-2-8797-8377