

FD9387-FR
SETUP QIG

Version 1.0
2023/1/6th



Revision History

Version Comment	
V1.0	Initial draft

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1. Enter the Facial Recognition Package

Log in “Configuration” page and navigate to package page

VIVOTEK

Home Client settings **Configuration** Language

Applications > Package management

Package License

Upload package

Select file 選擇檔案 未選擇任何檔案 Upload

Resource status

CPU loading: 73 %

Internal storage total size: 501.23 MB Free size: 250.625 MB

Memory total size: 1981.171 MB Free size: 449.457 MB

Clean internal storage

Notice! It will erase system temporary files and the files upload from FTP.

Cleanup

Package list

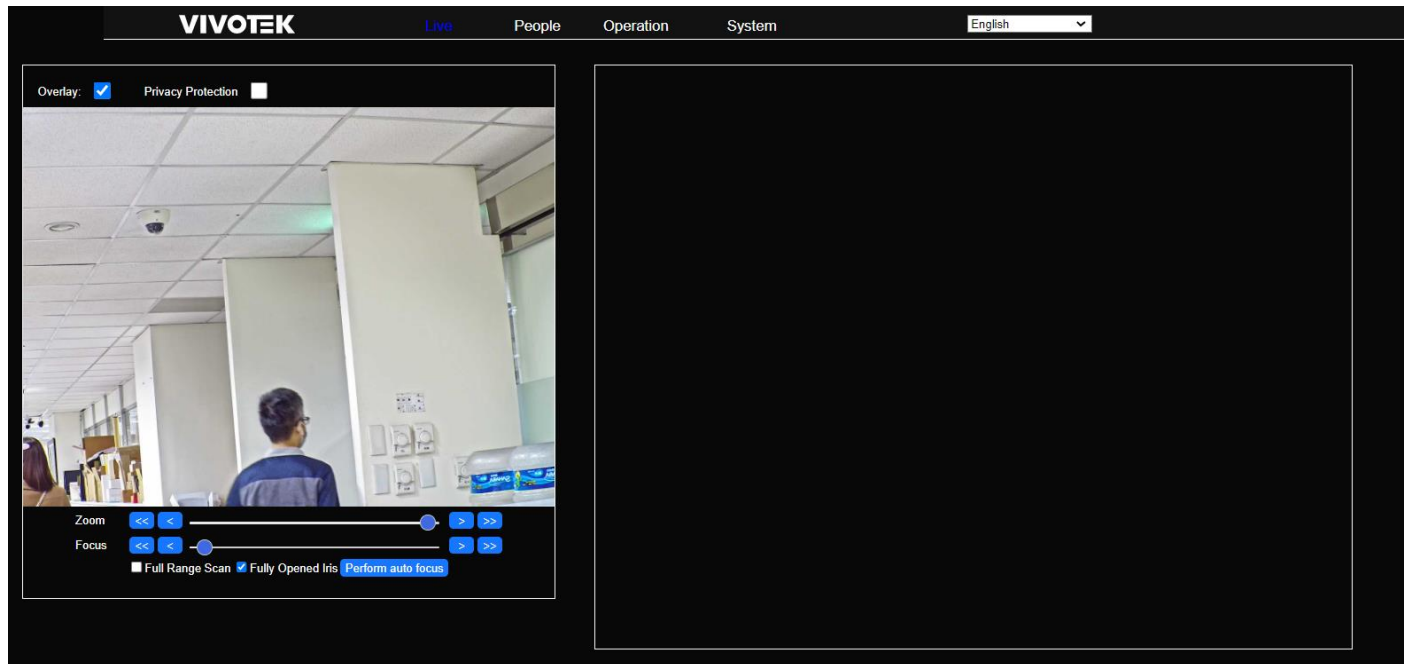
	Name	Version	Status	License	Size		
☐	Facial Recognition	1.00.22	ON	N/A	237.742 MB		

You will be able to check package status and version at “Package list”.

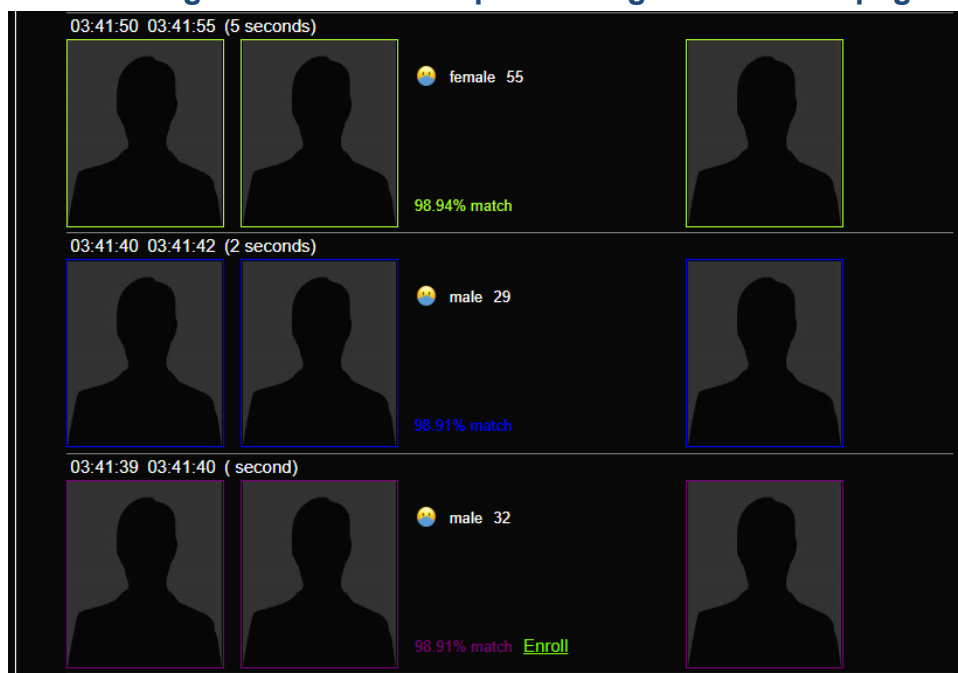
Click on the package name to enter the facial recognition web page.

2. Facial Recognition Page

First time login the page user can set the zoom level and also the focus setting in this page.



All the recognition result will update in rightside of this page



Recognition Result:

Purple frame: Stronger

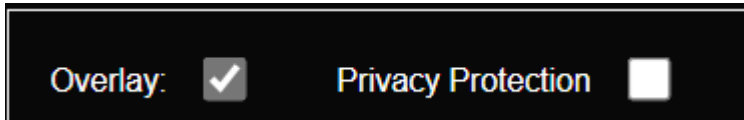
Green frame: No Concern

Yellow frame: Concern

Red frame: Threat

Gray frame: Unrecognized

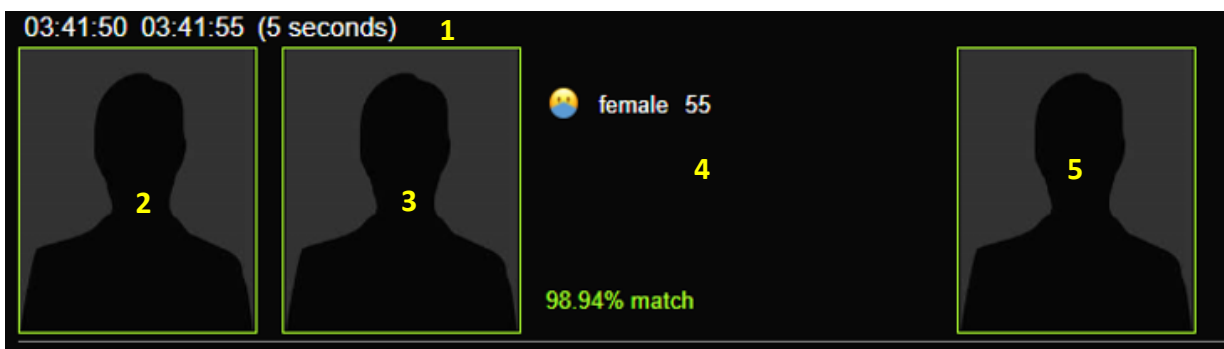
Tool Bar on Liveview



Overlay Option: Enable or disable face tracking box and name display in web page

Privacy Protection: Enable or disable persioal picture display in web page

Person Recognition Log



- (1) Time display in and staying time for the each person caught by camera, and it will also display durcation time.
- (2) Face snapshot from real time image.
- (3) Face snapshot from person database
- (4) Personal information form database with face cover and age/gender data.
- (5) Whole FOV snapshot from real time stream video.

3. People page

User will be able to search and edit all the people has been enrolled into the database.

Name	Person Type	ID Class		
First name or Last name		All	Add	Delete Refresh

- (1) User can review and add/delate person in this page
- (2) All the enerolled person can edit detail information in this page.
- (3) User can choose what kind of information needs to add into system.

Person profile

Choose file

First name

Tony

ID Class

No-Concern

Gender

Male

Access Control

Access Clearance

Visitor

Access Expiration

Indefinite

Access Card Facility ID

Additional information

Moniker

Company

Tags (comma separated)

Last name

Lu

Person Type

PMD

Age

25

Access Level

Access Card Format

Access Card Id

External Id

Home Location

Save changes

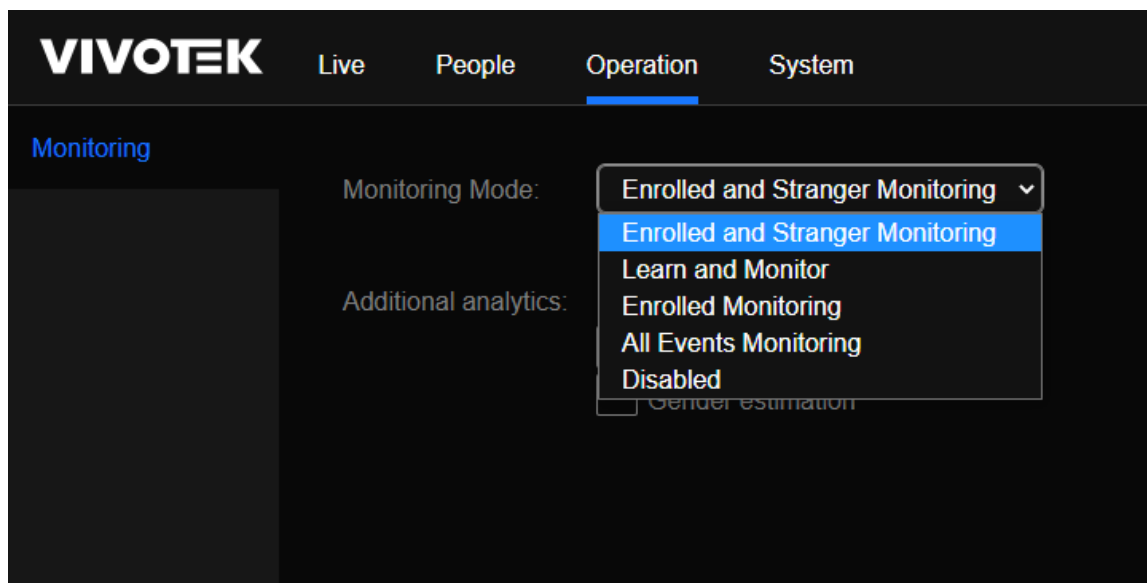
Cancel

***ID Class setting will send out when 3rd system using Onvif protocol receive event from FD9387-fr-v2**

Please click “Save Change” after you finish editing

4. Operation

FD9387-FR-v2 can support 5 different facial recognition modes.



(1) Enrolled and Stranger Monitoring

Events will be reported on recognized (enrolled) faces and on faces that are strangers. Events will not be reported on low quality faces (too small, turned away from the camera too much, too blurry or with very low contrast) that could not be recognized.

(2) Learn and Monitor

Learn and Monitor mode reports same events as Enrolled and Stranger Monitoring but also learns (automatically enrolls) high quality faces it does not recognize. Faces are enrolled without a name.

(3) Enrolled Monitoring

Enrolled Monitoring mode reports events only for recognized (enrolled) faces.

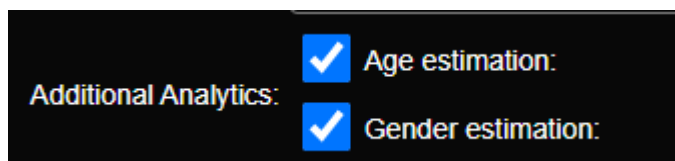
(4) All Events Monitoring

Reports all events - including events for low quality faces. Unrecognized low quality face events will contain `idClass=="unidentified"`. Unrecognized good quality face events will contain `idClass=="stranger"`

(5) Disabled

Stop all the facial recognition function

Additional Analytics:



User can select age and gender recognition function after select facial recognition mode.

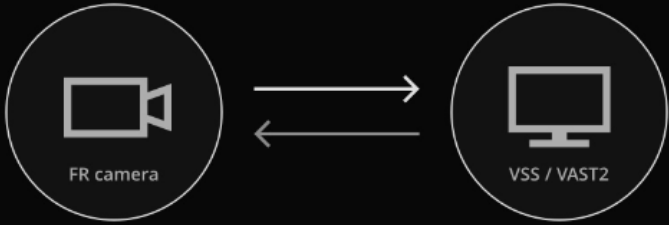
5. System Page

User can add detail settings and setup facial recognition event to 3rd party system or backends system

VSS/VAST2 Event Push Settings

- (1) Set “**Datamagnet**” connecting from FD9387-FR to VAST2 or VSS.
- (2) URL to the VAST2/VSS format will be <https://VSS Server IP:3443/>.
- (3) Please the same account as VSS setted here.
- (4) Data Source “**must**” use the same wording with the Datamagnet setting in VAST2/VSS.

VSS Event Push Settings



Hostname	FD9387-FR-v2	 
MAC	00:02:D1:A5:F0:79	
VSS/VAST2 Server URL	e.g. https://vast2.server.url:3443/	
Username	endpoint authorization username	
Password		
Data source	Data Magnet data source string	
Category	Data Magnet category string	

Synchronize

- (1) User can set one of the FD9387-FR-v2 as a master camera to sync it's facial database to other 4 slave cameras (Upto 4 slave cameras in one group)



- (2) Please input connection information to the master camera.

Server Address: `http://`"Master camera IP"

User Name: Login username to the master camera.

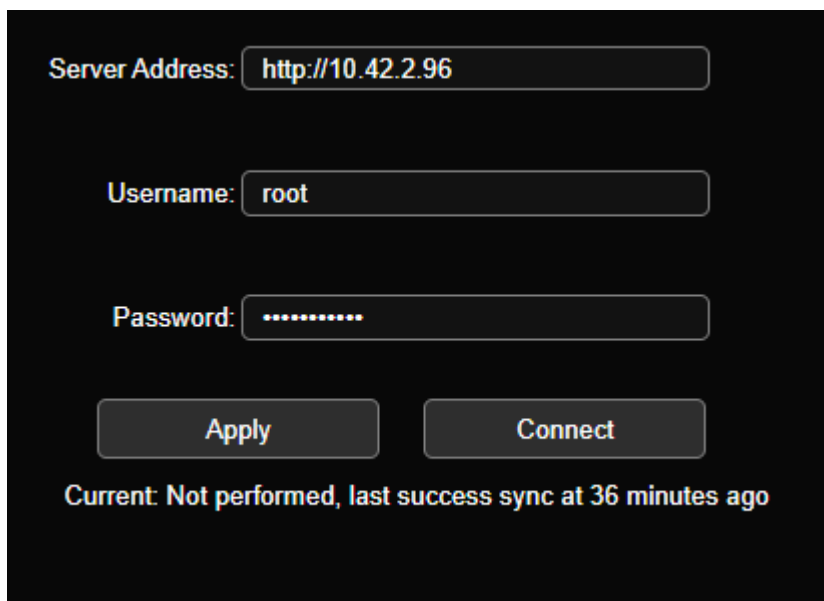
Password: Login password to the master camera.

Server Address:

Username:

Password:

After input all the connection information, please click on the “[APPLY](#)” and “[Connect](#)”
Camera will check all the information and connection status to the master camera.



The screenshot shows a dark-themed web interface for camera setup. It contains three input fields: 'Server Address' with the value 'http://10.42.2.96', 'Username' with the value 'root', and 'Password' with masked characters '.....'. Below these fields are two buttons: 'Apply' and 'Connect'. At the bottom, a status message reads 'Current: Not performed, last success sync at 36 minutes ago'.

Server Address:

Username:

Password:

Current: Not performed, last success sync at 36 minutes ago

System will auto update connect/sync status in this page.