

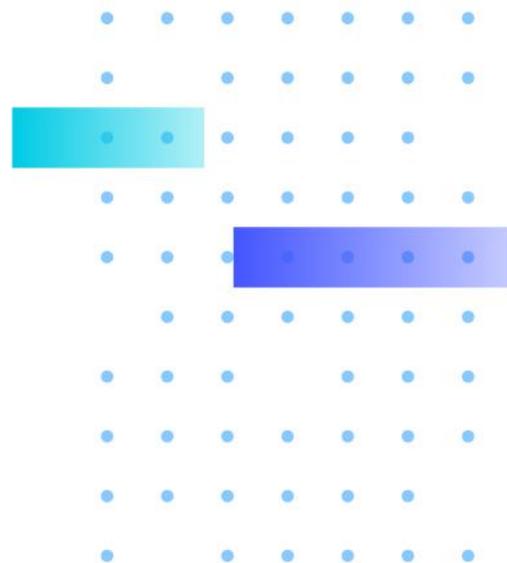
VIVOTEK

A Delta Group Company

FD9387-FR

SETUP QIG

Version 1.0
2023/1/6th



WWW.VIVOTEK.COM

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 未選擇任何檔案

— 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.

— Package list —

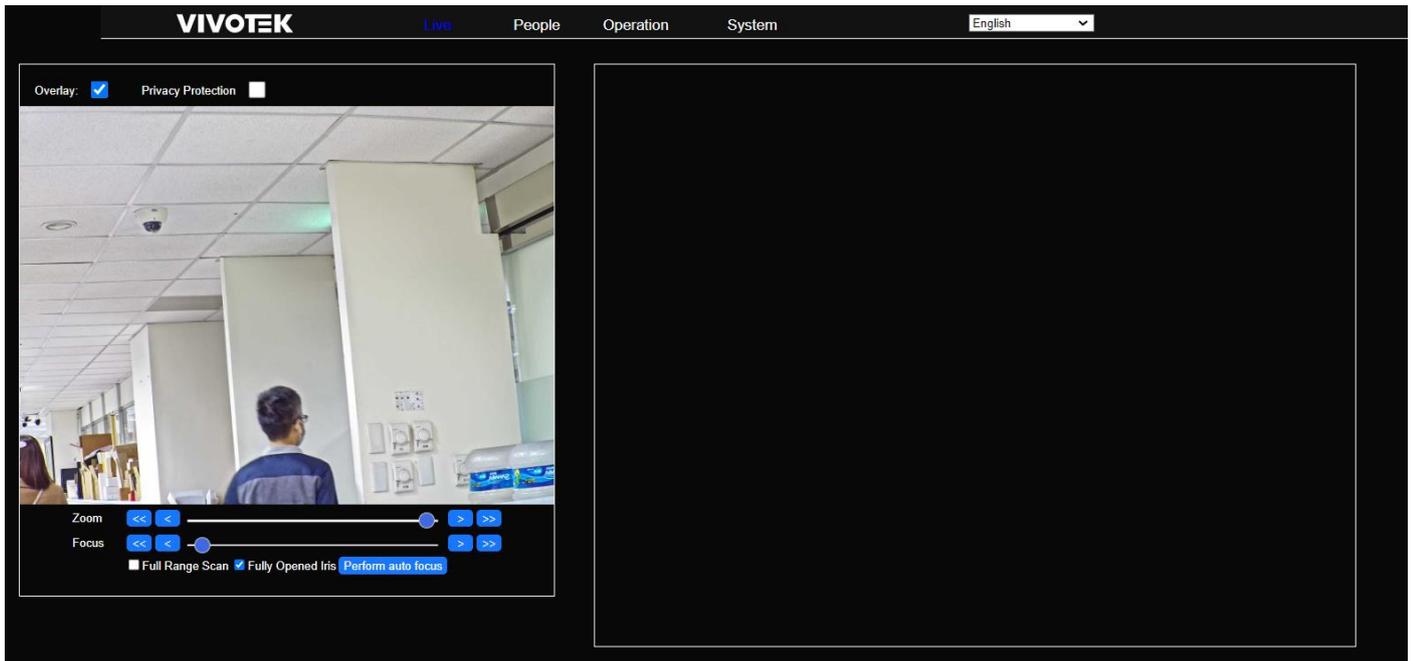
	Name	Version	Status	License	Size		
<input type="radio"/>	Facial Recognition	1.00.22	ON	N/A	237.742 MB		

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

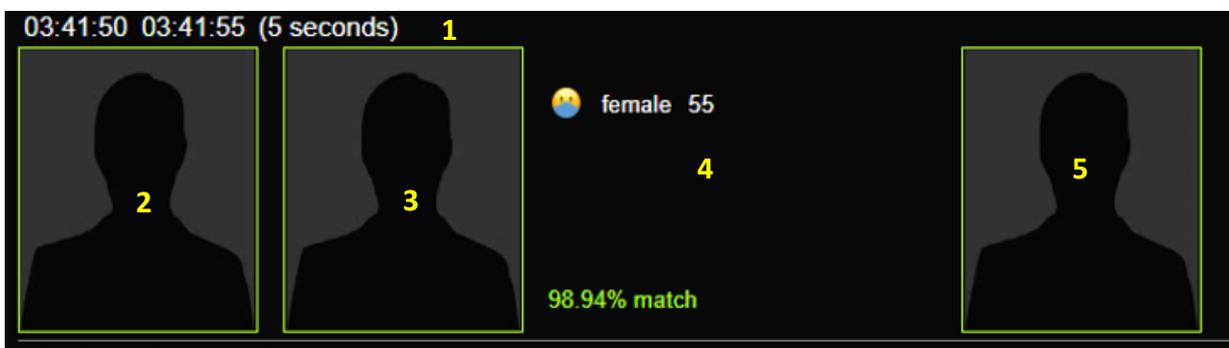
Tool Bar on Liveview



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 <input type="text" value="First name or Last name"/>	Person Type <input type="text"/>	ID Class <input type="text" value="All"/>	<input type="button" value="Add"/> <input type="button" value="Delete"/> <input type="button" value="Refresh"/>
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- (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

ID Class

Gender

Last name

Person Type

Age

Access Control

Access Clearance

Access Expiration

Access Card Facility ID

Additional information

Moniker

Company

Tags (comma separated)

Save changes

Cancel

Access Level

Access Card Format

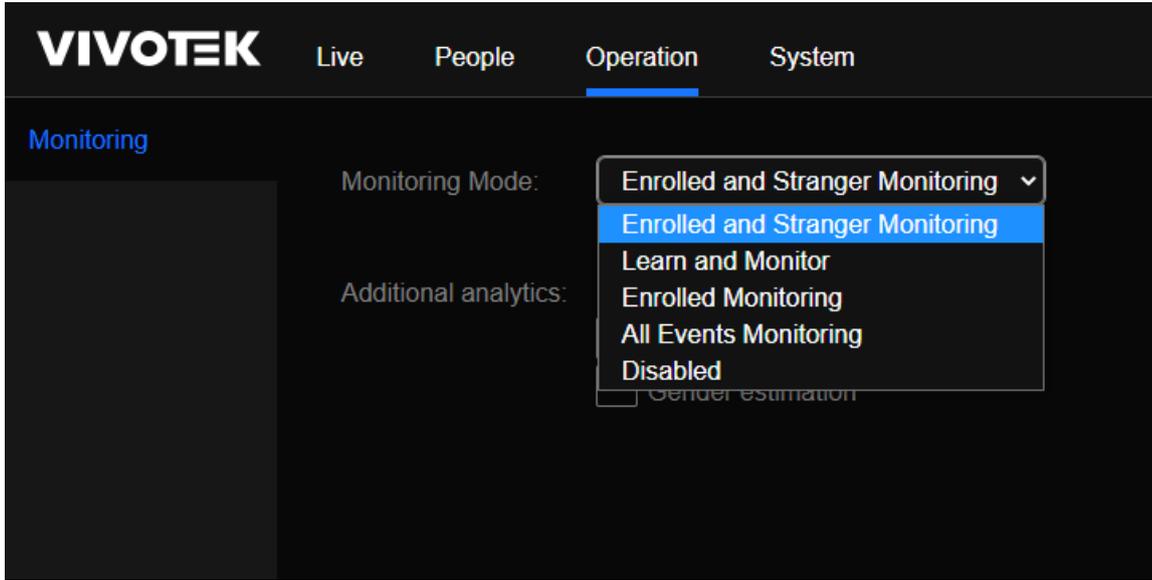
Access Card Id

***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.

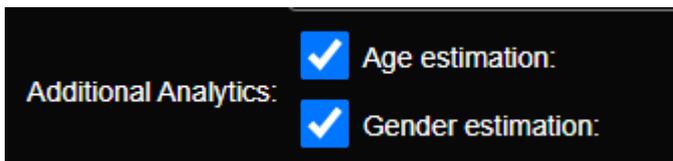
(4) All Events Monitoring

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



FR camera



VSS / VAST2

Hostname	FD9387-FR-v2	↻ ✎
MAC	00:02:D1:A5:F0:79	
VSS/VAST2 Server URL	<input type="text" value="e.g. https://vast2.server.url:3443/"/>	
Username	<input type="text" value="endpoint authorization username"/>	
Password	<input type="password" value="....."/>	
Data source	<input type="text" value="Data Magnet data source string"/>	
Category	<input type="text" value="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.

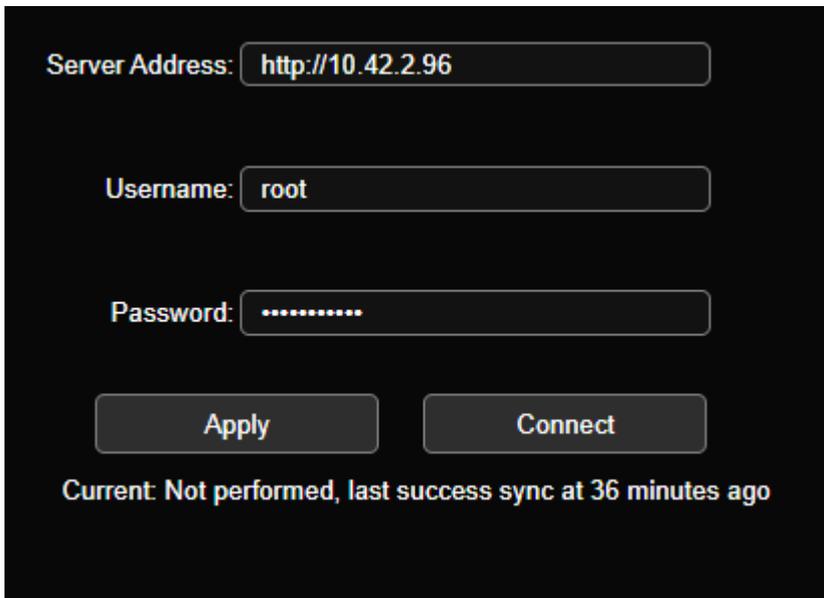
Server Address: http://”Master camera IP”

User Name: Login username to the master camera.

Password: Login password to the master camera.

The screenshot shows a configuration interface with a black background. It contains three input fields: "Server Address:" with the value "http://10.42.2.155", "Username:" with the value "root", and "Password:" with a masked password ".....". Below the fields are two buttons: "Apply" and "Connect".

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 configuration window. At the top, there is a label 'Server Address:' followed by a text input field containing 'http://10.42.2.96'. Below this is a 'Username:' label with an input field containing 'root'. The next is a 'Password:' label with an input field filled with ten dots. At the bottom of the form area, there are two buttons: 'Apply' on the left and 'Connect' on the right. Below the buttons, a status message reads 'Current: Not performed, last success sync at 36 minutes ago'.

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