How to Configure Face Function

This document explains how to configure face function for WEB5.0 models.

Switch to Face function on VCA resource

1. Go to VCA-> Select Application-> Face comparison

Welcome Us	e		Q, \$\$, ⊙ admin ∽
t Live View	Select Application	② Set Application	
(A) Application Display	Linuxe one aman approarten to one channes.		
	Face Comparison	Smart Event	Road Traffic
ن Configuration			
Maintenance and Security	Next		

Select the VCA button you need then click NEXT

2. Auto reboot after VCA switch

Welcon	ne Use		Q t⊉ ⊙ admin ∽
Live View	Select Application Enable one smart application for one channel.	② Set Application	
Application Display	Face Comparison	Smart Event	Read Traffic
Configuration Maintenance and Security	Next		

3. After the rebooting is done, we can find the setting page on VCA -> Set

Application

Welcome Us	e		Q හි O admin ∽
Live View	Select Application Complete the detailed settings of the smart application or event.	② Set Application	
Configuration	General Settings	>	603
	Face Recognition	Please confirm whether the curre >	
	Comparison and Modeling	Please confirm whether the curre >	

General Settings

Setting camera info

Welco	me Us	e								
Ū	< G	ieneral Sett	ings							
Live View	c	Camera Info.	Installation Parameter	Face Picture Library	FTP	Email	Alarm Output	Audible Alarm Output	Alarm Server	
(۹) Application Display	-		Device No.	Camera 01						
			Camora Info	Eaco comoro						
VCA			Camera mio.	race camera						
ැටී Configuration			I	Save						
Aintenance and Security										

Installation Parameter (Height)



Welcome	Use							
1	< General Sett	ings						
Live view	Camera Info.	Installation Parameter	Face Picture Library	FTP	Email	Alarm Output	Audible Alarm Output	Alarm Server
لما) Application Display		*Mounting Height 4.	5			m		
VCA			Save					
ද ි දූ Configuration								
(Maintenance and Security								

Face picture Library Click +Add for new face picture library

Welcome	Use							
r	< General Set	tings						
Live View	Camera Info.	Installation Parameter	Face Picture Library	FTP	Email	Alarm Output	Audible Alarm Output	Alarm Server
(a) Application Display	+ Add	☐ Custom Tag						
ැටූ Configuration	Add Fac	ce Picture Libbory						
(Security)	Threshol	d 60						
		ок с	ancel					

Audio Alarm Output (Need build-in speaker or external speaker)



Welco	me Use								
Ū	< General Sett	ings							
Live View	Camera Info.	Installation Parameter	Face Picture Library	FTP	Email	Alarm Output	Audible Alarm Output	Alarm Server	
(مع) Application Display		Sound Type	Warning			~			
		Warning	Warning,this is a restricted area		~	Test			
VCA		*Alarm Times	5						
දිටුි Configuration		Arming Schedule	Modify						
A Maintenance			Save						
and Security									

Face Recognition

1. You can set recognition rules on this page

Rule	Auto-Switch Sch Overlay & Capt	Advanced	
Enable		●● ●	PTZ
Configuration	Normal Expert	03-02-2023 Thu 11:18:32	0 00.00 St A B
Min. Pupil Distance (IPD)	24		
Max Pupil Distance (IPD)	262		
	③ Make sure the captured human face is within the		
	rule frame.		· · ·
	_		
	Save		Slow Fa
			preset 1
			preset 2

Set the detection area

Set min.&max. pupil distance (Set this value according to the face pixel size of the actual scene)

2. Set Schedule and Linkage

Welco	me Use	Q	\$ O	admin 🗸
	< Face Recognition			
Live View				
(A) Application	Rule	Auto-Switch Sch Overlay & Capt Advanced		
Display	Patrol Schedule			
VCA	Patrol Schedule	Modify		
ô	Park Time			
Configuration	*Park Time	5 s		
4	Linkage Method			
Maintenance and Security	Notify Surveillance Center			
	Upload to FTP/Memory Card/NAS			
	Trigger Alarm Output	Select All		
		Save		

3. Set Face Capture Parameters

Face info overplay and capture details

Welco	ome Use		Q \$} ① admin ≻
Û	< Face Recognition		
Live View			
ଭ	Rule	Auto-Switch Sch Overlay & Capt Advanced	
Application Display	Overlag	1	
	Display VCA Info. on Stream		
	Display Target Info. on Alarm Picture		
() Configuration	Background Picture Setting	1 · · · · · · · · · · · · · · · · · · ·	
_	③ Background Upload		
Maintenance and Security	Face Picture		
	Picture Quality	/ Medium 🗸	
	Picture Resolution	2560*1440 Y	
	Target Picture Setting		
	Picture Type	Custom	
	* Widt	n Facial Width X 1.8 ↓ Head Height Booty Height	
	•Head Heigh	Facial Height X 1.8 🗘	
	*Body Heigh	t Facial Height X 0.5 🗘	



Welco	me Use		a 🌣	1 admi	in Y
Ū	< Face Recognition				
Live View					
Application	Rule	Auto-Switch Sch Overlay & Capt Advanced			
Display					
	Version of Face Capture Algorithm L				
VCA	Face ComparisonVersion				
	Capture Parameters				
Onfiguration	Face Capture Mode	O Best Shot O Quick Shot			
٩	Quick Shot Threshold	40			
Maintenance and Security	Max. Capture Interval	O 4 s ↓			
	Capture Times	Unlimited Ulimited 1			
	Face Exposure				
	Upload Feature				
	Restore Parameters				
	Restore Defaults	Restore			
		Save			

Recommended setting as picture showing

Comparison and Modeling

Welco	me Use			Q 🏠	① admin ∽
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Application Display	Enable Comparison Mode	Best Comparison Quick Comparison			
	Data Upload				
	Upload Info. of Successful Compari				
ැටූ Configuration	Upload Info. of Failed Comparison				
_	Alarm of Succeeded Linked Compar				
Maintenance and Security	Alarm of Failed Linked Comparison				
	Linked Face Picture Library				
	Face Picture Library List	Face Picture Library	Armin Linkage Method		
		Test	\oplus \mathscr{O}		
		Set Face Library>>			
		Save			

Face comparison details setting (need to set up the face library firstly)

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