

Title:	Person Arming Function Configuration Guide	Version:	v1.0	Date:	05/11/2020
Product:	DS-2DFxxxxIXS(T2), DS-2DFxxxxIHS(T2) devices above	V5.5.40 version		Page:	1 of 9

Person Arming Function Configuration Guide

When the device detects the armed person in the monitoring scene, it triggers alarms and tracks the target. During the tracking, the target location and other related information are uploaded.

1. Select VCA Resource.

It is necessary to select the VCA resource as Person Arming. Save and restart the device to enable the function.

HIKVISION®	Live View	Playback	Pi	cture	Application	Cor	nfiguration	Smart Display
🖵 Local	Basic Information	Time Settings	DST	RS-485	VCA Resource	About		
System	C							
System Settings	Camera1							
Maintenance	 Face Capture 	e O Smart Ev	ent	Road Trat	ffic	Arming	Vehicle A	rming

2. Multi-Target-Type Detection Configuration.

- 1) Enter 【Configuration】 【Multi-Target-Type-Detection】 【Rule】 and check the checkbox to enable the function.
- Select a configuration mode as Normal or Expert.
 Normal Mode: You set general Min. Pupil Distance and Mounting Height for all scenes.
 Expert Mode: You are allowed to set specific parameters for different detection scenes.

HIKVISION®	Live View	Playback	Picture	Application	Configuration
🖵 Local	Rule				
System	✓ Enable				
Network	Configur	ation	ormal kpert		
Video/Audio	Area Setti	ngs) Patrol Sched	ule Linkage Metho	d	
🛄 Image		•	/ 3		

- 3) Set up detection areas.
 - a) Input mounting height of the camera.
 - b) Click Lock to lock PTZ. During Locked time, PTZ can only be controlled by you.
 - c) (Expert Mode)Select a Detection Scene from the list.
 - d) (Expert Mode)Adjust the live image to a desired scene via PTZ control panel.
 - e) Click and draw detection area on live image.

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- f) Click and draw Min. Pupil Distance of this scene.
- g) (Expert Mode)Repeat the steps to set other detection scenes.
- h) Click **Save** to save the settings of current detection scene.

#KVISION®	Live View	Playback	Picture	Application	Conf	igurat	ion	Sma	rt Di
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Multi-Target-Typ	e Detection						4	0	C
Overlay & Captu	re 🛃	4							
Rule					1	Prese	1		1 4
Advanced Config	guration				2	Prese	t 2		í
Person Arming					3	Prese	t 3		
Face Picture Lib	rary				4	Prese	t 4		
Human Body Lit	xary			= 1	5	Prese	t 5		
	1		1		6	Prese	t 6		
			up.		7	Prese	t 7		
				0 5 0					

- 4) Set arming schedule in Normal Mode, or the patrol schedule in Expert Mode. In scheduled patrol time, the camera is ready to capture detected faces in set detection scenes.
 - a) Click **Patrol Schedule** tab.
 - b) Draw blue time bar.
 - c) (Optional) You can copy the settings of a day to other days by click 🗈 on right end of the time bar.

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5) Set up linkage method according to your actual needs.

	VISION®	Live View	Playback	Picture	Application	Configuration
Ţ	Local	Rule				
	System	Enable				
Ø	Network	Configuration	Norm			
Q.	Video/Audio	Configuration		ai	*	
<u>**</u>	Image	Area Settings	Arming Schedule	Linkage Method		
0	PTZ	Normal Lin	kage	✓ Trigger Alarm O	utput	
	Event	Notify Surve	eillance Center	☑ A->1		
	Storage	Upload to F	TP/Memory Card/	✓ A->2		

3. Face Picture Library Configuration.

1) Configure face picture library via web browser.

a) Click + to add a face picture library, input library name, threshold and remarks. Face similarity higher than the set threshold triggers face picture comparison alarm uploading.

Face Picture Library Name DF9C Threshold 80	
Threshold 80	
	 Image: Second sec
Remarks	$\langle \rangle$

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b) Select a face library, click **Add**, upload the picture and specify detailed information of the uploaded face. Picture format shall be JPEG. Click **OK** to save the setting.

MIKVISION®	Live view Play	ураск	Picture	Application	Configura	tion Sma	art Display							⊥ admin	• • нер
	Face Picture L 🔅 -	+													
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0 pT7								2	- <u> </u>		Ad	ld			
Event		_ No.		Name	Gender Da	ite of Birth	Place of I	Sirth -	ID Type		ID No P	Picture	Upload		
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Multi-Target-Type Detection											3	00 KB can be impor	ted.		
Person Arming														-	and a
Face Picture Library													-		
Human Body Library											2				120
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HIKVISION®	Live View	Playback	F	Picture App	olication	Configurat	tion Sm	art Display							
_	Face Picture L	¢ +													
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E System		ID	Туре	Not specified		ID No.				Date of Birth Sta.	. 1970-01	-01	**		
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Video/Audio															
🔝 Image									Import Add	Modify De	lete B	atch Modeling	Modeling	Import Model	
PTZ		-	No	Name	Ge	nder Da	te of Birth	Place	of Birth	ID Type		וחו	No	Modeling St	atus
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Multi Terret Tra D i			3	zhifeng warg	Link	nown 20	00-01-01	Unke	iown	ID Card		00000000	0000006	Succee	
Multi-Target-Type Detect	011			armong many	Olik	20		JIN		io dalu		0000000		Curren	
Person Arming															
Face Picture Library															
Human Body Library															

- 2) Configure face picture library via HikCentral Professional platform.
 - a) Log in to HikCentral Professional Web Client, enter 【Home】 【Physical View】 and add the device.

🔶 Hi	kCentral Professional Web Client												Hi.admin \sim
ଜ	Encoding Device		d 📋 Dolete	() Changes Parcounard	72 Edit Bandwidth for Video Downloading	T/ Time Zone Cl. Petroj	n 🙉 Na L H	ot Spare			Search		0
\bigotimes	Access Control Device	-T A0	d III Delete	Change Password	East bandwidth for video Downloading	P Time Zone V Kerres	1 (9) N+1 H	ot spare			Search		Q
Ψ			Device Name	Address	Device Serial No.	Version		Available Ca	Alarm I/O	Network Status	Password	Operat	tion
	Elevator Control Device		DF9C	10.41.15.13	DS-2DF9C245IHS-DLWT220190	0926CCWRT2 V5.5.40 buil	1 200508	1	7/2	🕑 Online	Weak	0	S
	Video Intercom Device		10.18.64.198 🕕	10.18.64.198	/	/		0	0/0	🙁 Offline			S
ra	Security Control Device		10.18.64.17 🕕	10.18.64.17	/	/		0	0/0	😣 Offline			ø

b) Click License Details on the home page of the web client. Choose Facial Recognition Camera, click Configuration and add the device.

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Authorization Details	Details		① There may be 2 cameras which can be	e set as this camera type. View
Camera	8/500	^	+ Add 📋 Delete All	
ANPR Camera	0/100	Configuration	Camera/Area	Operation
Facial Recognition Camera	1/100	Configuration		
Thermal Camera (Report Supported)	0/100	Configuration	> 10.18.64.117	
ONVIF Camera	0/500		> 🖂 🔢 10.18.64.127	
Access Point	2/100		> 🗌 🔢 10.18.64.188	
Floor	0/100		> 10.18.64.195	
	0/100	~	> 110.41.7.203	
ase properly keep your activation code. Deacti	ivate the SYS if you n	eed to uninstall the	>	

c) Enter **[**Home**]** - **[**Person**]** and click **Face Comparison Group** tab. Click to add a face picture library, input library name, Similarity Threshold and Description.



d) Select a face library, click +, upload the picture and specify detailed information of the uploaded face. Click Add to save the setting.

ntral Professional	web Client						Site Map Hiadm
Person List	Face Comparison Group	Access Group	Attendance Group	Dock Station Group			
+ Add 🍵 Delet	te 🗸 🖽 Apply to Device					V	DF9C 🗹
Name	Camera						
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						=0	Add Existing Pers ation
DF9C imilarity Threshold:	80%					Ľ	Add New Person
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		© Hangzh	ou Hikvision	Digital Technolog	y Co.,Ltd. All	Right	ts Keserved.
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- e) Repeat the steps to add multiple person.
- f) Click Apply to Device to configure the face library to the corresponding device.

Person List Face C + Add Delete	omparison Group	Access Group Attendance Group Dock Station	Sroup Y	DE9C	- 12		
Name	1	1. It only supports applying to camera which supports face picture commarison		0100	- -		
		2. The maximum number of groups that can be applied to the camera depends on the camera capability. 3. One camera can only have non-similarity threshold		+	 ✓ □ ✓ □ ✓ □ ✓ □ ↑↓ ③ Basic Information 	Search	۹
DF9C Similarity Threshold: 80%		The latest applied threshold will take effect.	LE .		zhifeng wang		
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9					xiaojin tang		
2					1538639225 11 Normal Person	도 杰 All Persons	
8	* Apply to Camera	Search Q			Not Expired	₩ × 0	🍿 x 0
e -	3	 ✓ ∰ DF9C ⊘ @ IPdome_DF9C 			bowen zhou m 6917705948	с.	
2					Normal Person Not Expired	All Persons	🗑 x 0
) 							
Total 1 Record(s) 100		Apply		Tatal	18 Berrielle I.	5 N F	0 0

Note:

Supported picture size is no larger than 300K per file and shall be JPEG format.

4. Person Arming Configuration.

Note:

Complete Multi-Target-Type Detection settings in advance.

- 1) Enter [Configuration] [Person Arming] [Basic Settings] and check the checkbox to enable the function.
- 2) Set the parameters for face picture comparison and arming.
 - a) Set the Face Grading Threshold for Detection and Max. Detection Time of Face. It is recommended to keep the default value.
 - b) Select the Library Type as Face Picture Library, and select a desired library.

	VISION®	Live View	Playbac	:k	Picture	Арг	olication	Configuratio	n
Ţ	Local	Basic Settings	Advanced	ł					
	System	Person Arn	ing						
Ð	Network	Face Grading	Threshold f	5					
<u>0</u> .	Video/Audio	Valid Human B	ody Detect	. 70					
1	Image	Max. Detection	Time of F	10			s		
<u> </u>	PTZ	Max. Detection	Time of H	10			s		
Ë	Event	Library Type		Face Picture	Library	~			
F	Storage	Face Picture L	brary	DF9C		~			
0	Multi-Target-Type Detection	Arming Sche	dule 👌 Lin	kage Method					
20	Person Arming	× Delete	前 Dele	ete All					
됴	Face Picture Library	0	2	4 6	8	10 12	14	16 18	20
됴	Human Body Library	Mon							

c) Set the arming schedule and linkage method for the selected library.

Note: The arming schedule and linkage method for different libraries are allowed to set independently.



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- 3) Save the settings.
- 4) (Optional) Enter [Configuration] [Person Arming] [Advanced] interface. In advanced parameters, tracking settings and capture settings are available. It is recommended to keep the default value.

5. Person Arming Alarm.

When the device detects the armed person in the monitoring scene, it triggers alarms and tracks the target. During the tracking, the target location and other related information are uploaded.

1) Person Arming alarm on the iVMS-4200 Client.

a) Enter the Device Management page and add the device.

🜔 iVMS-4200	🕜 Not Log 🗄 🐼 admin 🔻	$ \triangle - \Box \times$
🔡 📺 Event Center	📰 Maintenance and Management 🐵	
=	Device Stream Media Server	
📖 Device Management 🔺	🕂 Add 🔍 Online De 🗙 De 🞇 QR C 🖄 Upgrad 🎜 Refresh 🖹 Get Events from De Total (1) 🛛 Filter	
	🗌 Name 🌐 Connecti Network Parame Device T Serial No.	Security Re
Device	DarkFighterX IP/Domain 10.41.15.13:8000 Encoding DS-2DF9C245IHS-DLW/T220190926CCWR	Weak

b) Click to enter **[**AI Dashboard**]** - **[**Arming and Tracking**]** page, click configuration button in the upper right corner and click **Add Device** in the pop-up page.

Arming and Tracking	1			
			Digital sideo security follower:	
Capture Comparison	Device Group			
	Select the device to be added.	Operation		
	e 4 DarkFighterX	↑ ↓		
- ==-	*			>
	© © © <u>Save</u>			

c) When the person in the library are recognized, the comparison result will display on the left side of the page.



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- 2) Person Arming alarm on the HikCentral Professional Platform.
 - a) Log in to HikCentral Professional Web Client, enter 【Home】 【Event & Alarm】 【Alarm】 and click Add to add an alarm.

🔶 Hil	kCentral Professional Web Client						
ល៍	System-Monitored Event	+ Add 🛱 Delete	n Delete All	RX Delete All Invalid Items	🛇 Enable All	Disable All	තී Alarm Settings
\bigcirc	Generic Event	Add			Triggering From		
	User-Defined Event	Source	All		Alarm Name		
	Alarm						
		Alarm Name		Source	Triggering Ev	Alarm Priority	Status
Eä							

b) Set the Source Type as **Person**, Triggering Event / Face Comparison Group as **Face Matched Event**, Source and other settings according to your actual needs. Click add to save the setting.

 ○ ○ 	System-Monitored Event Generic Event User-Defined Event Atem	Add Alarm	 Alarm is used to notify security period 	ome	of the particular situation which helps handle the situation prompth	×.	Als Als Als Als Als Als Als Als Als Als	arm Definition arm Properties arm Recipients iditional Settings
阖		* Triggered by	Source Type	-	riggering Event / Face Comparison Group	Source	0	
R			Door	Î	V Face Matched Event	V Z DF9C	ų	
ß			Elevator		CEPC Face Mismatched Event Borec	🥪 🌚 IPdome		- 1
큥			Alarm Input	l	Karely Appeared Person Event Lorpc			
R			Person		Person Matched Event Caril Number Matched Event			
<u>ک</u>			UVSS Parking Lot					
A			Encoding Device					
0			Access Control Device	~				
٢		Description	Enter the instructions for handling the	alarn	or enter remarks for the alarm.			
28		Marin Proposition	Add Add and 0	Conti	Cancel			~

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c) Log in to HikCentral Professional Control Client, enter [Alarm Center] - [Face Comparison] and left click on the camera to open the preview. When the person in the library are recognized, the comparison result will display on the right side and the alarm information on the bottom of the page.



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