

How to setup NVR object counting

Application Notes

Version <1.0>



VEON Technical Support Team

Preface

This application note gives step by step instruciton on how to setup NVR object counting function.

Caution

1. The configuration must be done in both NVR local and remote client with suitable firmware version.

2. Object counting cost VI license, please make sure customer NVR have enough VI license, if you are unsure of how many VI lucense your NVR have please contact with Surveon support team.

Scope

Product model	Firmware version
Linux NVR	3.2.0.A09 or above version
VMS (Remote client, SCC)	2.7 or above version

Here we have 2 steps in total; you can find each steps in the following items.

- Step 1. Enable Object counting in NVR local client.
- Step 2. Setup Object counting and check counting record in view log.

Step 1. Enable Object counting in NVR local client

1. Select the camera you want to enable object counting and right click mouse choose "Others" / "Object Counting" to enable object counting in this camera.



Step 2. Setup Object counting and check counting record in view log

1. In Remote Client

Video Ma	anager	nent	Sof	tware
Access Method:	Directly Access		-	
Туре:	VMS		-	
Server:	172.30.10.72			Search
Port:				
Username:	admin			
Password:	•••••			
	📃 Auto Login			
	Login	Cancel		

2. Press "Setup" and select the camera to enable object counting function then press "Object Counting".

Live View Playback Setup				ME	
Image: NVR3308 Image: Provide the state of the st	VMS Console	Camera Settings			
CAN2311 CAM2511 CAM2511	Camera List	Image Settings	Advanced Video Settings	General Camera Settings	
		Edit Camera	Delete Camera	PTZ Settings	
	Account Manager Account Manager Account Manager Others Others	Preset Settings	Patrol Settings	OSD Settings	
E-map Explorer 😵	Domain Server Account Manager Others	Mask Settings	Compatibility Verify	Initialize	
		Automatic Settings			
+		Video Analytics			
		General Motion Detection	Foreign Object Detection	Forbidden Area Detection	
Preset Patrol		Intrusion Detection	Missing Object Detection	Tampering Detection	
Start Auto Pan Stop Auto Pan + Focus		Camera Motion Detection	Virtual Fence	Object Counting	
View Explorer (*) Uiew Default(36)		Going Out Detection	Tailgating Detection		

3. Mark "Enable Event" and setup "Runtime Display" (reset log number when time is reached).

				? X
Result	1.0			
In	0	Out	0	
Preview	1			
	1000	Destar	T THE DEPARTMENT	
	19	Cast of	EAL STAT	HIM
		New B	A A A	
	a a	1 - A		
	1PT	-		-
	1		Barris C	
			MACON O	
			A PANA	
N				No Mark
		Begin Sin	nulation OK	Cancel
	Result In Preview	Result In 0 Preview	Result In 0 Out Preview	Result 0 Out 0 Preview Image: State of the state

4. Press "New Region" and adjust the line

0 100 100 Define Region ● Direction(s) 2 Way ▼ ■ ● Define Object(People Only) ■ New Region Clear Runtime Display Reset every 5 Min ▼	
0 100 Define Region ● Direction(s) 2 Way → ● Define Object(People Only) New Region Clear Runtime Display Reset every 5 Min →	

5. Press "Define Object(People Only)" and "New Region"



6. Setup object size and adjust rectangles.



7. Customer can search object counting record in the Server / View Log.



View Log					
Log Counting					
Camera Name:	All Cameras 👻				
From	2016-11-15 14:02 🚔	To 2016-11-15 15:02	* *		
Direction(s):	All	Search			
Totalize:	In: 4 Out:	5			
	Time	Camera Name	In	Out	
	2016-11-15 14:20-14:30	CAM2311	0		
	2016-11-15 14:50-15:00	CAM2311	2	4	
	2016-11-15 15:00-15:10	CAM2311	2	0	
Report	Detail				
					Close