

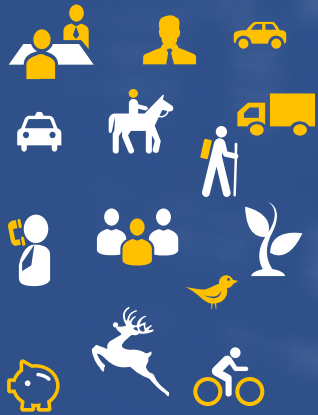
SMD Plus

Less False, More Safer

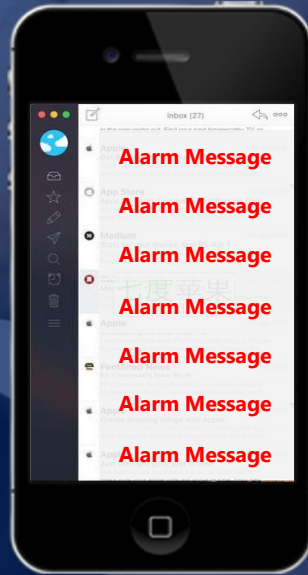
What's SMD Plus

SMD Plus, referred to as **S**mart **M**otion **D**etection Plus.

With Deep-Learning Algorithm, Dahua SMD Plus filters the motion detection alarm triggered by non-concerned target and recognize **human** and **vehicle** effectively, sending alarms when human and vehicle intrudes.



Traditional MD Pain Point



Pets

Insects

Annoying false alarm prompts!

Many videos! Long video!

Extreme Weather

Branches/Leaves

How to filter useless information??

How to search useful information??

What is Key Features of SMD Plus?

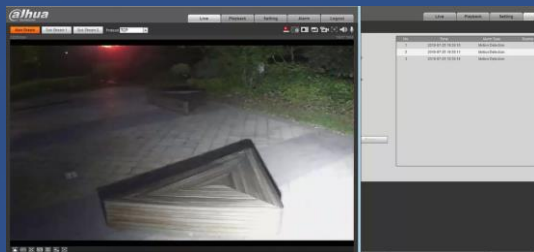
Filter Useless Information, Realize High Accuracy Alarm



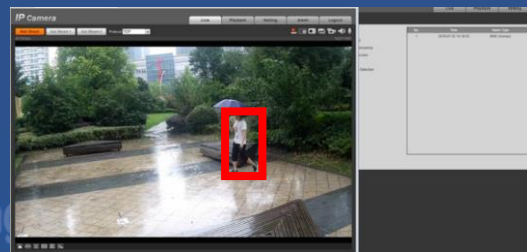
Deep-Learning Algorithm technology greatly improves SMD plus accuracy and makes it easy for quick searching.

False Alarm Filtering, Human / Vehicle Classification

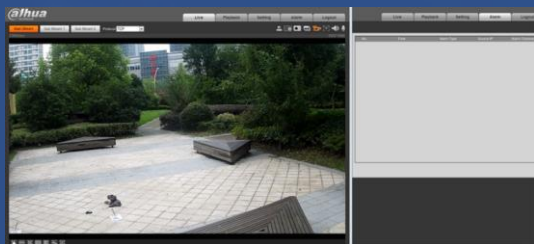
After capturing the target within monitoring range, camera filter leaves, lights, pets and other disturbing objects. Based on Deep-Learning Algorithm, camera classify human/vehicles and push alarm in real-time.



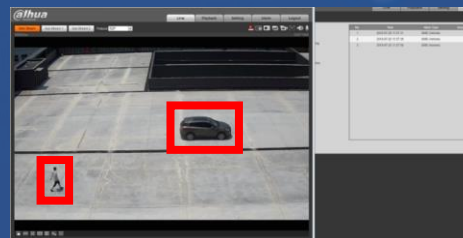
Filter useless information(the light)



Filter the extreme weather and push alarm caused by human



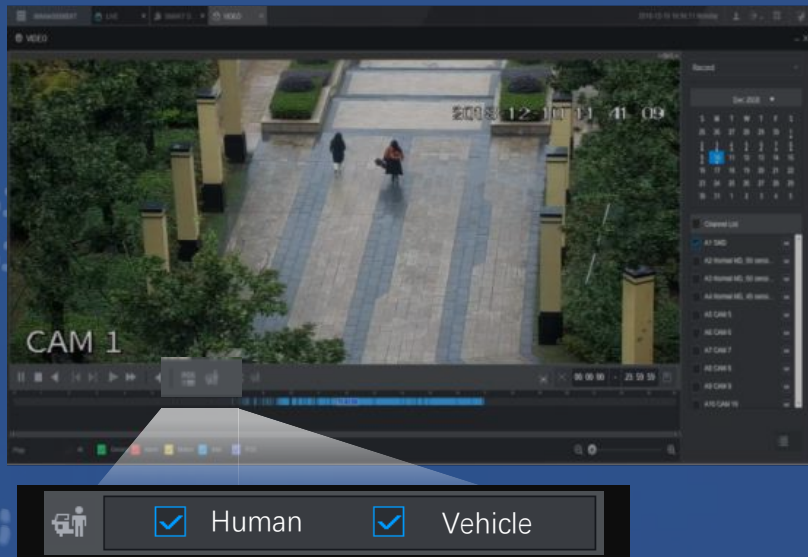
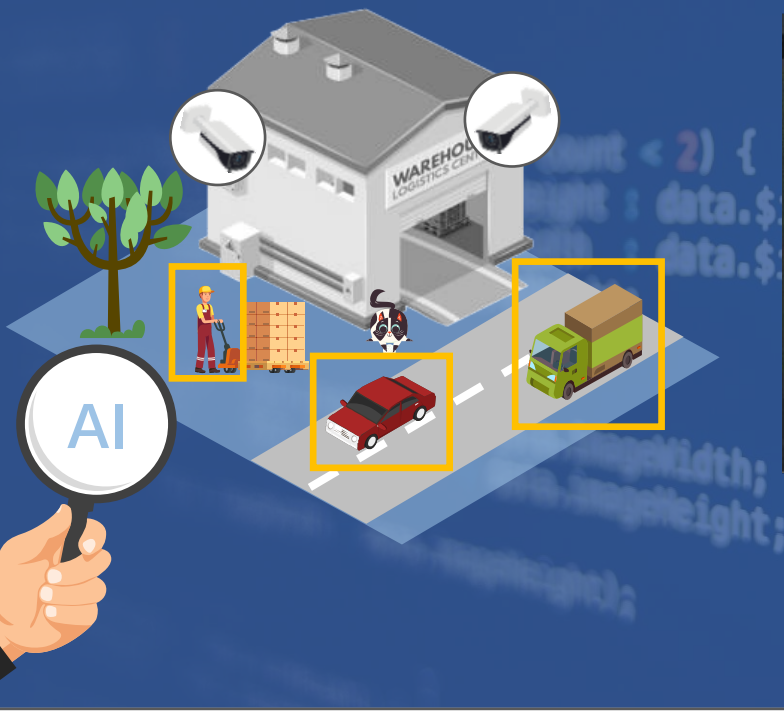
Filter useless information(the pet)



push alarm caused by human and vehicle

Quick Target Search

Extract and classify human and vehicles from massive video data, easy for end users to trace historical information and analyze. Human & Vehicle optional for playback to achieve quick target search, saving event retrieval time.

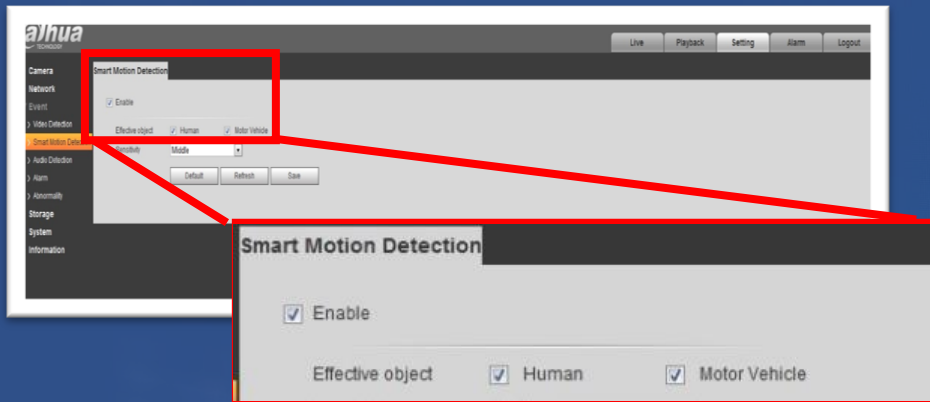


Easy Operation

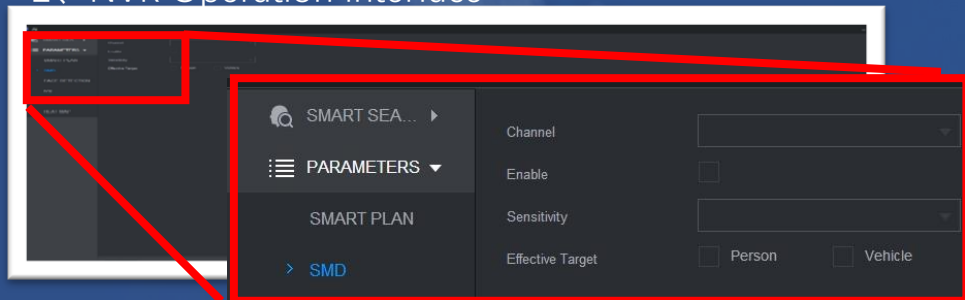


SMD can be started in only one step process, also support to classify Human/
Vehicle

1、Web Operation Interface

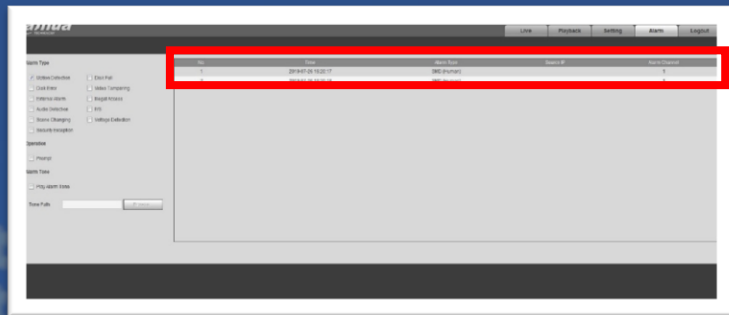


2、NVR Operation Interface



Real-time Alarm Push in WEB and DMSS.

1、Web Operation Interface



2、DMSS Operation Interface



Motion Detection: Human
IPC
07-30 05:44:11

Alarm Visualization

Newly added alarm target classification on **NVR/DSS/DMSS**, which shows it clearly that if there was **human or vehicle**, it will trigger the SMD alarm.



UTP



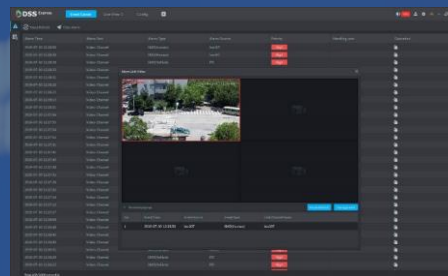
NVR4000/5000-4KS2



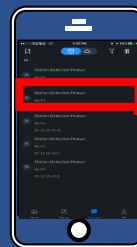
Network



NVR Alarm Push



DSS Express Alarm Push



Motion Detection: Human
IPC
07-30 05:44:11

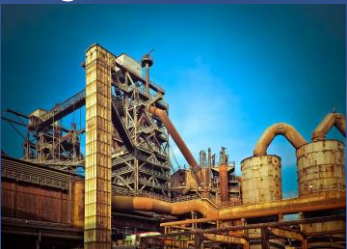
DMSS Alarm Push

High Cost-effective

Smart functions, affordable price . **Let World Share Happiness By AI.**

Factory

(Alarm when human/vehicle enter dangerous area)



Museum

(Alarm when human close cultural relic)



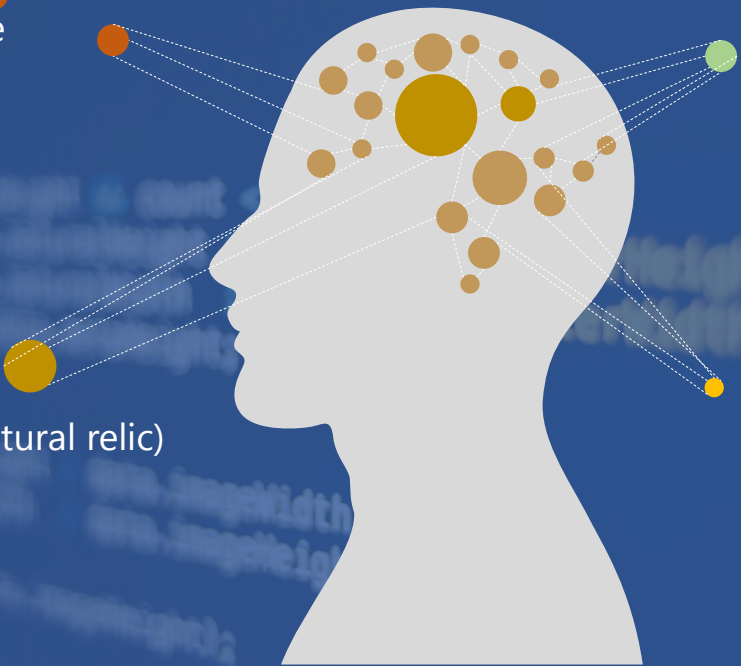
Vill

(Alarm when strangers enter)



Airport

(Alarm when human/vehicle enter dangerous area)





Network Camera



- IPC-HFW3241T-ZS
- IPC-HFW3241E-SA
- IPC-HDW3441T-ZAS
- IPC-HDBW3441R-ZAS
- IPC-HDBW3241F-AS-M



PTZ Camera



- SD1A404XB-GNR
- SD49425XB-HNR
- SD49225XA-HNR
- SD1A404XB-GNR-W



Network Recorder



- NVR4000-4KS2
- NVR2000-4KS2
- NVR4000-I
- NVR5000-I
- NVR5000-4KS2

Application-Factory

 **What can we do**

False Alarm Filter

-  Leaf move
-  Bright light
-  Animals

 **Value**
s

- ✓ Early warning
- ✓ Reduce the number of patrols



 **What can we do**

- Human/Vehicle Detection
- 24 x 7 monitoring

 **Value**
s

- ✓ Avoid entering to dangerous areas
- ✓ Reduce the number of patrols

Application-Villa

Swimming Pool



Fence



Garden



What can we do



False Alarm Filter



Remote Alarm



24/7 Monitoring



Value

s

- ✓ Avoid Stranger Entering
- ✓ Real-Time Monitor and Alarm Push