Dahua Perimeter Protection Based On AI

Detect tripwire and intrusion violations

Accurate Detection   Target Classification   Quick Target Search   Remote Monitor   Active Deterrence
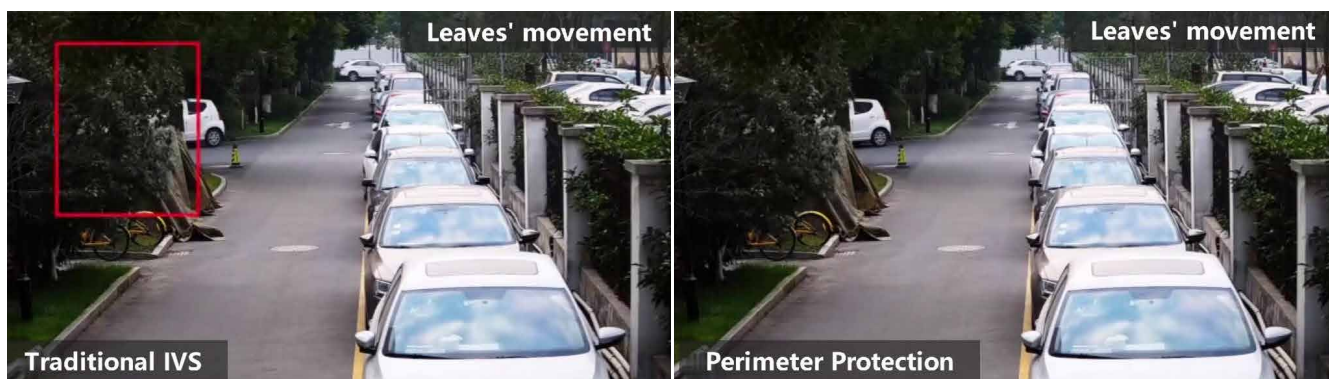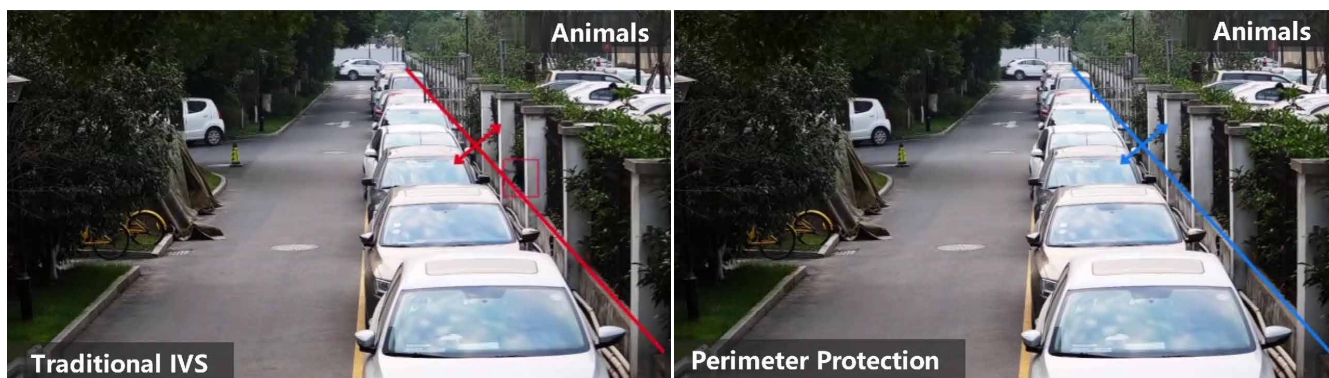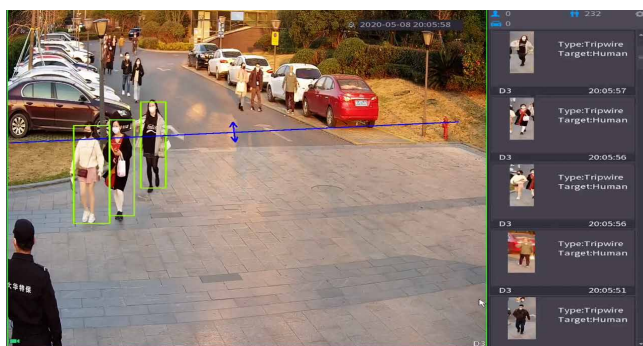
Highlights

• Accurate Detection

Based on advanced AI algorithm that mainly focuses on human and vehicle targets, the Dahua Perimeter Protection can effectively filter false alarms caused by animals, leaves' movement, shadows, and flashing lights, making the false alarm rate less than 1% and greatly improving accuracy.

Animals — Traditional IVS

Animals — Perimeter Protection

Leaves' movement — Traditional IVS

Leaves' movement — Perimeter Protection

Flashing lights — Traditional IVS

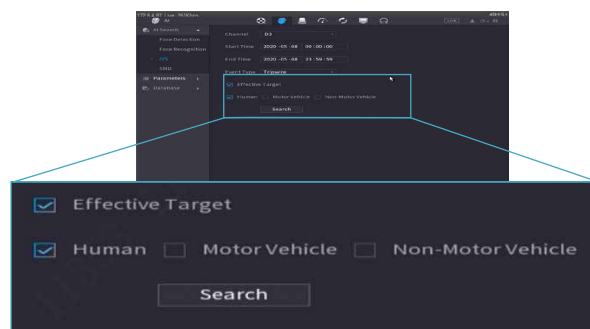Flashing lights — Perimeter Protection

• Target Classification

Users can select human or vehicle for alarm according to scene requirements. Each rule line supports human and vehicle classifications, and provides visual alarm effect.
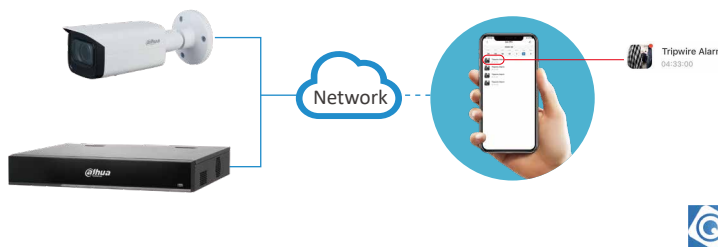

• Quick Target Search

Human and vehicle options for quick search.

☑ **Effective Target**

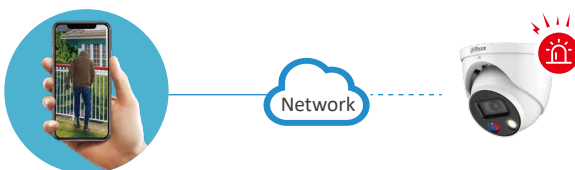☑ Human ☐ Motor Vehicle ☐ Non-Motor Vehicle

Search

• Remote Monitor

The alarms triggered via the Perimeter Protection can be sent to mobile app as push notifications, making it easier for users to know what happened in the monitored scene.

Network

Tripwire Alarm
04:33:00

• Active Deterrence

With built-in spotlight and security siren, Active Deterrence IP camera supports two-way talk and can actively keep intruders away from your property.

Network

Application Scenarios

Factory
- Helps factory manager to protect every area all day.
- Helps save labor costs for security.
- Provides factory managers with visual protection solution, making it easier for users to manage efficiently.
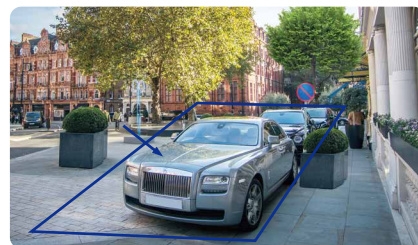
Villa
- Provides users with a cost-effective visual protection solution, and helps record detailed evidence of an intrusion event.
- Helps users reduce unnecessary alarms with AI video surveillance solution.
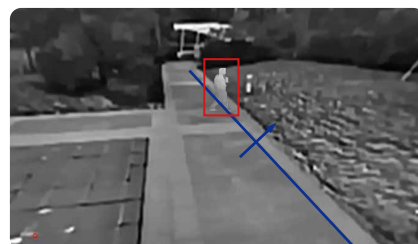- Sends alarm push notification to users in time through mobile app.

No Parking Zone
- No need for manual human management, allowing managers to save labor costs.
- Automatic identification of illegally parked vehicles, with flashing light and voice alarm.
- Sends alarm push notification in time via mobile app, with option for two-way talk if necessary.

Industrial Park
- Helps users see clearly in total darkness, no need for additional light source.
- Thermal image can still provide perimeter protection and early warning, helping users reduce intrusion and theft incidents.
- Helps users detect places with abnormal high temperature, and remind users of potential safety hazards.

Recommended Models

IPC 3 Series

PTZ SD5A Series
PTZ SD49 Series

THERMAL BF1241 Series
THERMAL DF1241 Series

NVR4000-I/NVR2000-I

XVR5000-I2/XVR7000-4K-I2
XVR5000-4KL-I2

*Design and specifications are subject to change without notice.

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