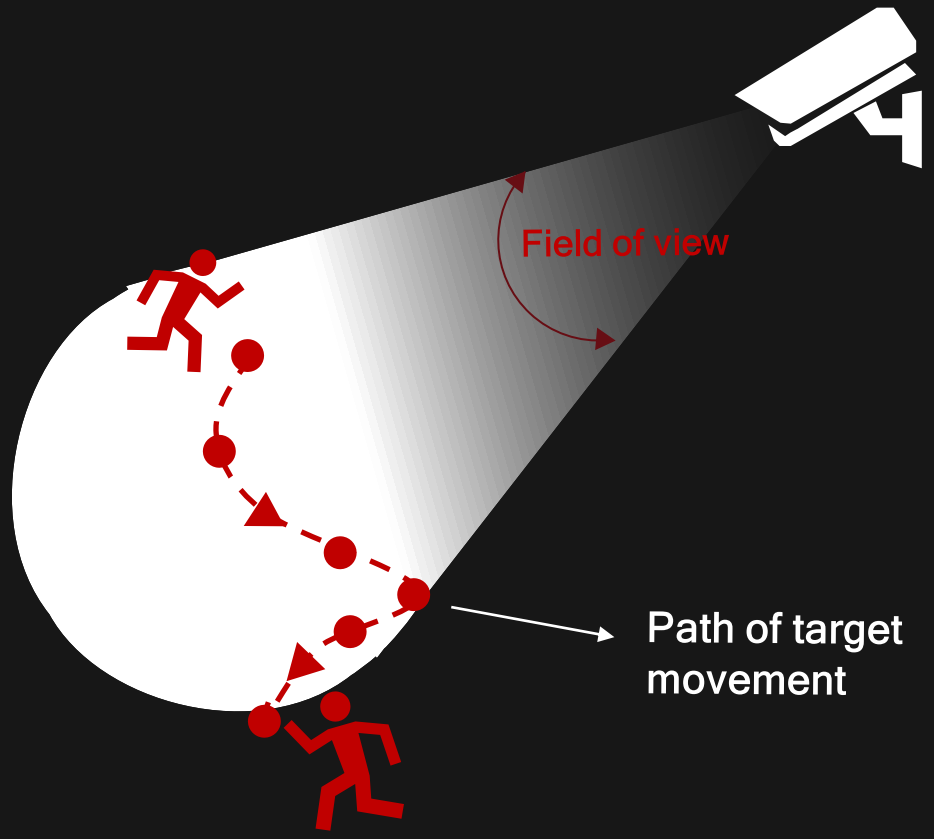
Explore the future of PTZ

International Product and Solution Center

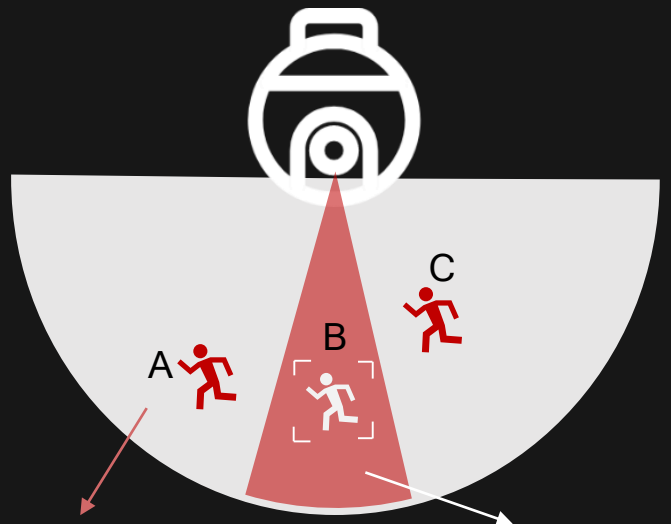
1 Single Bullet



1 Single PTZ

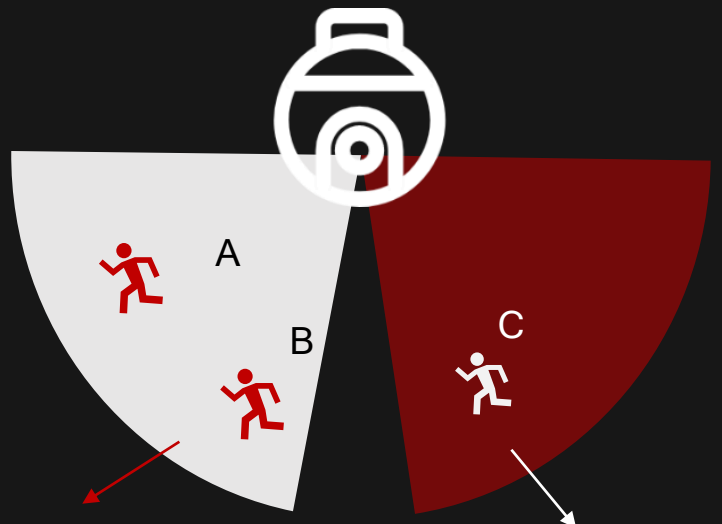
1

When zooms



2

When rotates



1 Bullet + 1 PTZ

Double Budget

The total budge of one PTZ plus one bullet are increased.

Complex installation

The cable installation, power supply installation and angle adjustment are complex.

Difficult linkage

Two cameras work independently. It is hard to have some linkages.

Cutting-edge Two-in-One Design

1

camera purchase for multiple-camera benefits

time Installation

IP to manage

1 camera purchase for multiple-camera benefits

For SIs

- **Easy to be applied**

The two-in-one design gets around any compatibility problems when pairing different devices. Project application and install are much easier.

- **Budget-friendly**

One TandemVu PTZ camera is more cost-effective than two conventional cameras with accessories.

1-time Installation

For Installers

- Saving time and energy

  One-device installation

  One-time wiring

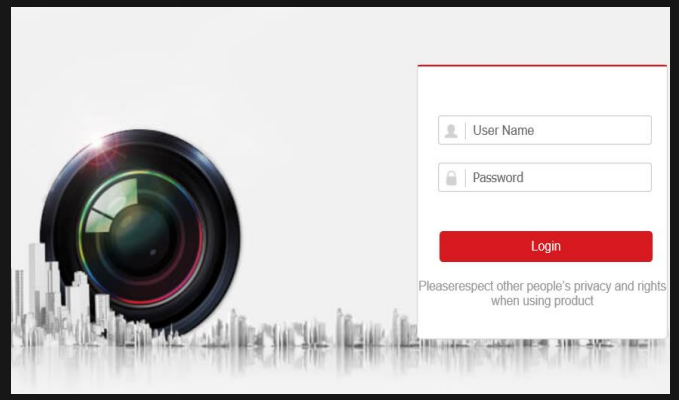
  One-time angle adjustment

1 IP to manage

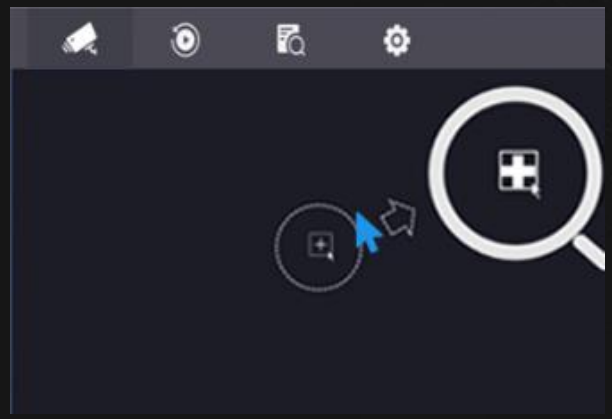
For Installers and end users

- **Easy to manage and easy to use**

  In contrast to installing one bullet and one PTZ, the TandemVu PTZ has only one IP address for dual-channel operations.



Log in once
(TandemVu PTZ website)



Add once
(Local NVR GUI)

Activate once
(HCP platform)

Extraordinary Imaging

Big picture and details, in one view

The bullet camera provides the big picture while the PTZ camera provides zoomed in details in one TandemVu PTZ camera.

More vivid, more detailed

The bullet provides pictures in vivid color 24/7 while the PTZ provides up to 42x zoom.

Super wide view without distortion*

Powered by Hikvision's proprietary image-stitching technology and advanced algorithms, the bullet camera provides a perfect 180° panoramic view.

** Supported by 8-inch TandemVu PTZ camera models.*

Big picture and details, in one view

Extraordinary Imaging

More vivid, more detailed

ColorVu Technology

- 24/7 colorful imaging
- F1.0 super-large aperture
- Advanced sensor
- Active alignment technology

- **Superior low-light performance**
  0.0005 lux DarkFighter (8-inch camera)
- **Up to 42x large zoom ratio**

Extraordinary Imaging

Super wide view without distortion

- Two 4 MP panoramic lenses
- 180° super-wide view

Intelligent TandemVu PTZ Camera

TandemVu PTZ Camera

Using high-performance chips to create a variety of powerful intelligent functions through deep-learning technology

No. 1 Target Classification

Focusing on humans and vehicles

No. 2 Smart Linkage

Making target tracking smarter and faster

No. 3 Live Guard

Warning trespassers to minimize property losses

No. 4 Intelligent Analysis

Generating more intelligent applications with software

No. 1 Target Classification

- **Accurately identifies and responds**

  A TandemVu Camera accurately focuses on targets and events that are significant and responds to them in a timely and effective manner.

- **Reduces false alarms**

  It reduces the number of false alarms, reduces the workload for security personnel, and improves efficiency all around.

- **Eases search for target after an event**

  After an incident, security personnel can search for relevant video footage according to the target type to rapidly gather evidence for forensic review, investigation, and response.

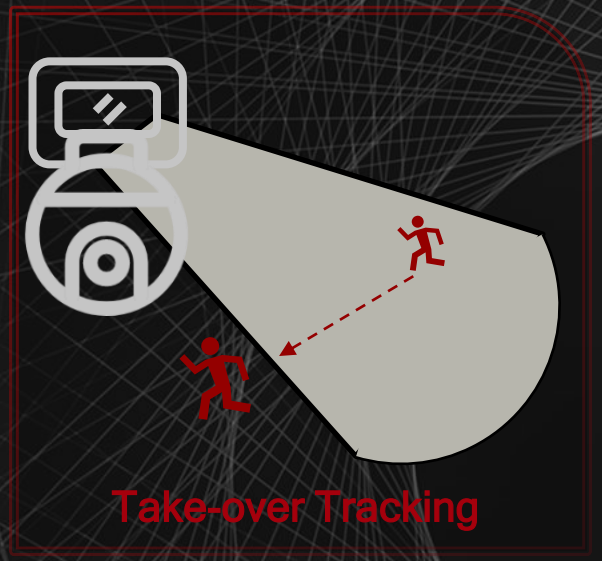
No. 2 Smart Linkage

Manual Tracking

Manually select a target and the PTZ lens will track it. This mode has the highest priority.

Linkage Tracking

When a target appears in the specific monitoring area of the bullet lens, it will link the PTZ lens to automatically track.



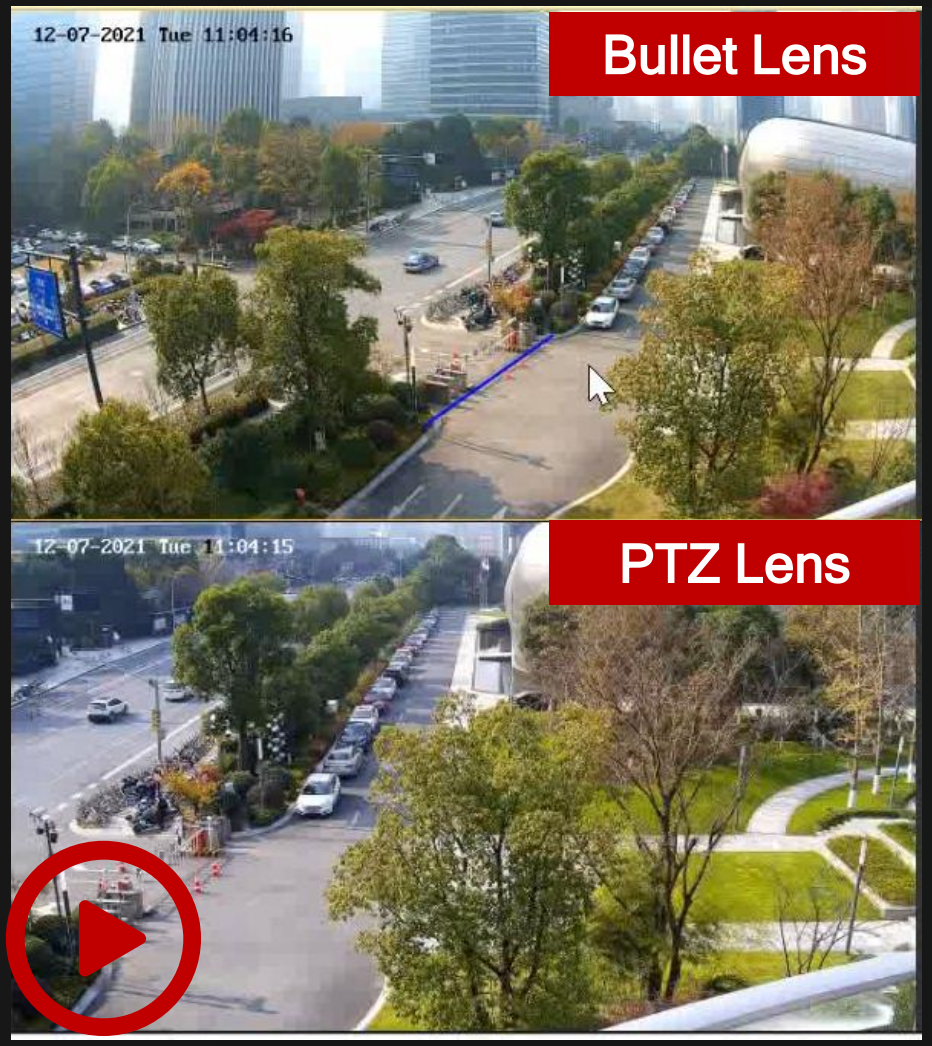
Take-over Tracking

Even if the target has left the monitoring area of the bullet lens, the PTZ lens will continue to track the target.

The bullet and PTZ linkage supports multiple modes. The most suitable mode can be selected according to actual need and application.

No. 2 Smart-Linkage - Linkage Tracking

The most commonly used



Function Overview

When a target enters the specified monitoring area of the bullet lens, the bullet lens will link the PTZ lens to track the target. When the target leaves the area, the PTZ lens stops tracking.

No. 3 Live Guard – Real-Time Response

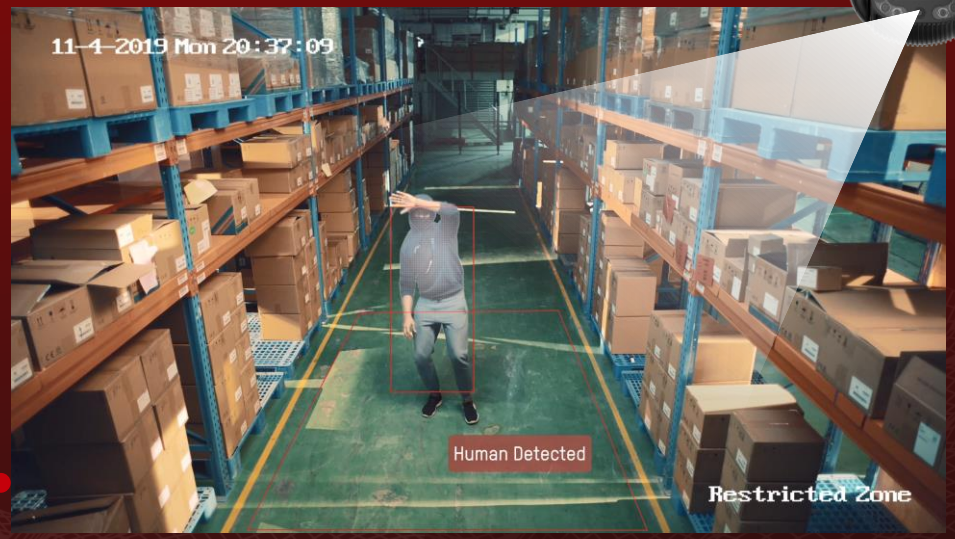
One TandemVu PTZ can upgrade a security system from traditional human inspection to automatic monitoring and response.

Conventional Solutions

Daily inspections by security personnel are required.

If an anomaly is found in the monitoring room, the security personnel must go to the scene.

TandemVu PTZ Solution



A TandemVu PTZ camera replaces human patrols and responds immediately when an incident occurs.

No. 3 Live Guard – Visual and Auditory Warnings

Warning! This is a restricted area. Please exit this area.

¡Advertencia! Esta es un área restringida, ¡manténgase alejado!

警告！ これは立ち入り禁止区域ですので、遠ざけてください！

Customized Audio

Audio customization is supported.
(Three audio messages)

30-Meter Audio Alarm

Audio alarms can accurately transmit warning information

30-Meter Strobe Light

The strobe light can give powerful warnings to targets within range

No. 4 Intelligent Analysis

With dual AI chips, integrating multiple algorithms into one device is possible. This design tackles complex scenarios.

Body Capture

ANPR

Feature Abstraction

Alarm Linkage

Face Capture

Product Showcase - 7” TandemVu PTZ Camera

Bullet

- 4 MP
- 4 mm
- 0.0005 lux @ F1.0
- 120 dB
- ColorVu AcuSense

PTZ

- 4 MP
- 25x / 32x
- 0.005 lux @ F1.5
- 120 dB
- AcuSense , face capture

30 m White light

200 m IR distance for PTZ

Strobe lights

Built-in speaker

DS-2SE7C425MW-AEB(14F1)(P3)

DS-2SE7C432MW-AEB(14F1)(P3)

Product Showcase - 8” TandemVu PTZ Camera

Bullet Lens

- 4 MP (3840 × 1080)
- 0.0005 lux @ F1.0
- F1.0 large aperture
- 2.8 mm fixed lens
- 30 m white light
- ColorVu

PTZ Lens

- 4 MP resolution
- 0.0005 lux @ F1.2
- Up to 42x optical zoom
- 16x digital zoom
- 300 m IR light
- Strobe light and audio alarm

DS-2SF8C425MXS-DL(24F0)(P3)
DS-2SF8C425MXS-DLW(24F0)(P3)
DS-2SF8C442MXS-DL(24F0)(P3)
DS-2SF8C442MXS-DLW(24F0)(P3)

30 m White light for bullet lens

Audio alarm speaker

300 m IR light for PTZ
(Switch according to zoom ratio)

Strobe light

Solutions

Camera

TandemVu
PTZ Camera

...

Picture

Video

NVR

Firmware: V4.51.025

DS-76xxNI-I2

DS-77xxNI-I4

Firmware: V4.51.200

DS-76xxNXI-I2

DS-77xxNXI-I4

Platform

Result Analysis

Mission Analysis

HikCentral
Professional V2.1

Application Scenarios

Perimeters

City Intersections

Squares

Expressways

Outdoor Parking Lots

Outdoor Parking Lots

Public Squares