



HDCVI 6.0

Leading the Over-Coax AI Evolution



4K Real-time



Enhanced AI



AI Coding



TiOC

Overview

Throughout the year, Dahua continuously enhance its technology leadership in the HDCVI community through its state of the art performance in terms of resolution, intelligence and usability. This year, Dahua unveils HDCVI 6.0 with industry's first 4K real-time and AI capabilities.

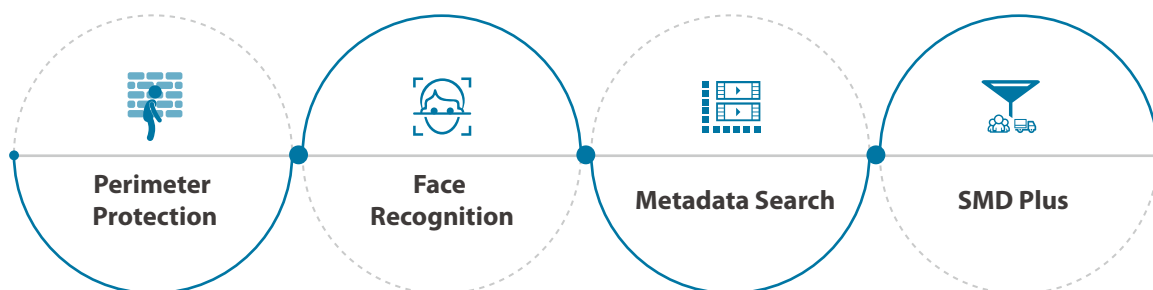
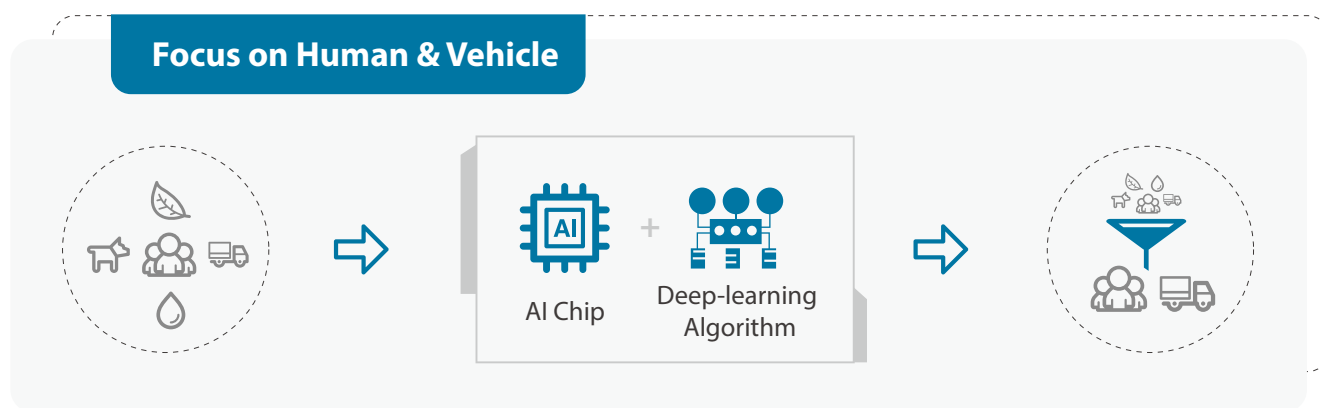
This brand-new technology provides a superior visual experience both in live view and playback through its 4K real-time solution and AI coding while maintaining the same HDD storage. The two-way talk achieves real-time communication between camera and recorder with a broadcast-quality audio. In addition, HDCVI with enhanced AI can identify humans and vehicles in a video, alerting users with accurate alarms and enabling a quick search with optional "human" or "vehicle" video type.

HDCVI is bringing fresh ideas and new possibilities to the industry, and will always provide more economical, safer and more convenient solutions to customers.

Enhanced AI

What is Enhanced AI ?

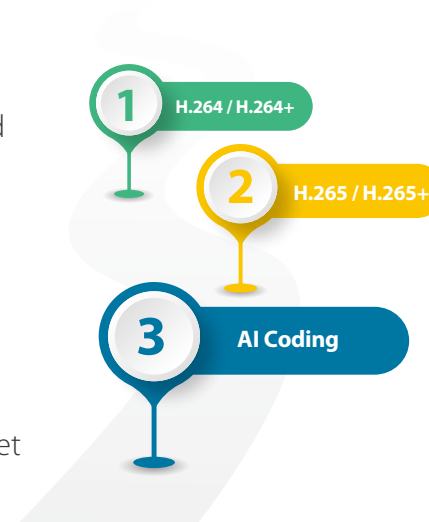
- Adopting independent AI chip with up to 4T computing power and advanced deep-learning algorithm, HDCVI enables precise recognition of human, motor vehicle and non-motor vehicle.
- Enhanced AI supports face recognition, perimeter protection, metadata, SMD Plus etc. that can be used for potential risk prevention, real-time event alarm, and quick inquiry.



HDCVI 6.0

AI Coding

- Dahua AI takes the video compression to a new level of content-aware encoding which can avoid noise and can produce a more detailed image.
- Automatically encodes with a target perceptual quality through recognition of moving human or vehicle, significantly improving the streaming quality of the target.
- Saves 50% of the bandwidth and storage costs compared with H.265 while maintaining the target image quality.



Target Image Quality Enhancement



Benefits

Compared with traditional video surveillance, HDCVI AI classifies human and vehicle in an image, making it easy for users to focus on real threats, enhancing target search efficiency, and significantly reducing labor costs.

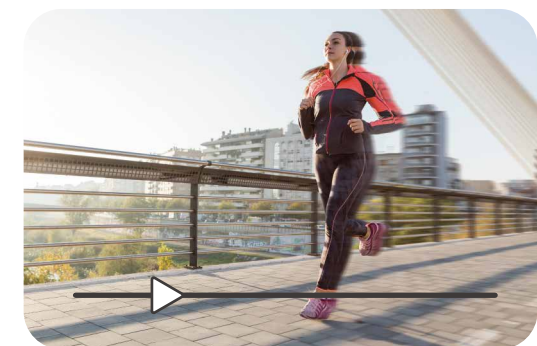
In addition, Dahua provides a complete end-to-end AI solution with 4K UHD and full-color camera to ensure high accuracy and to provide high management efficiency through unified DSS & DMSS.

4K Real-time

- 4K real-time is a unique and leading technology in HD-Over-Coax market.
- It restores monitoring location with 30 fps for a better visual experience.
- Offers superior clarity in collecting even tiny details within a large monitoring coverage.
- AI coding saves storage costs, allowing users to enjoy the advantages of upgrading to higher resolution while maintaining the current storage expense.



• 4K Real-time



• 4K Non-real time

1.



Precise identification of human face

Provides valuable business applications such as VIP recognition, blacklist alarm, access control etc.

2.



Accurate alarm for human and vehicle

Filters false alarms caused by leaves, birds and lights etc., avoiding unnecessary actions.

3.



Real-time alerts and linkage

Linkage of active deterrence camera can warn off intruders with built-in siren and white light.

4.



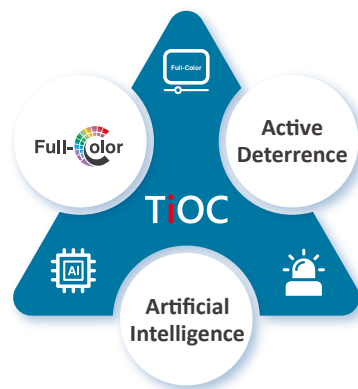
Quick target search

Utilizes "AI search" feature to quickly search video footages of target people or vehicles.

TiOC

What is TiOC?

TiOC, known as Three-in-One Camera, integrates 24/7 full-color monitoring, active deterrence and AI into one smart, innovative solution, greatly saving time and financial costs for distributors and installers. In HDCVI system, all AI functions are realized by XVR. TiOC can accurately identify potential risks and effectively warn off the intruders, better protecting life and property's safety.



How does TiOC work?

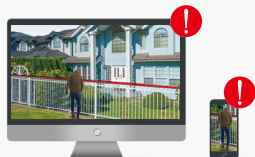
- 1 Perimeter protection / SMD Plus identifies intrusion



- 2 Actively warns off intruders



- 3 Uses can verify alarm with video



Audio-over-Coax



Benefits



Accurate Alarm
Accurately detects human/vehicles intrusion by **Perimeter Protection/ SMD Plus** while filtering out false alarms.



Active Deterrence
Actively warns off intruders with **red & blue flashlight and 110dB speaker** even before users are aware of the incident, which can better protect personnel and property.



Full-color
24/7 colorful and HD monitoring increases the quality of video evidence and enhances the ability to identify suspects.

ENABLING A SAFER SOCIETY AND SMARTER LIVING

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* Design and specifications are subject to change without notice.

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