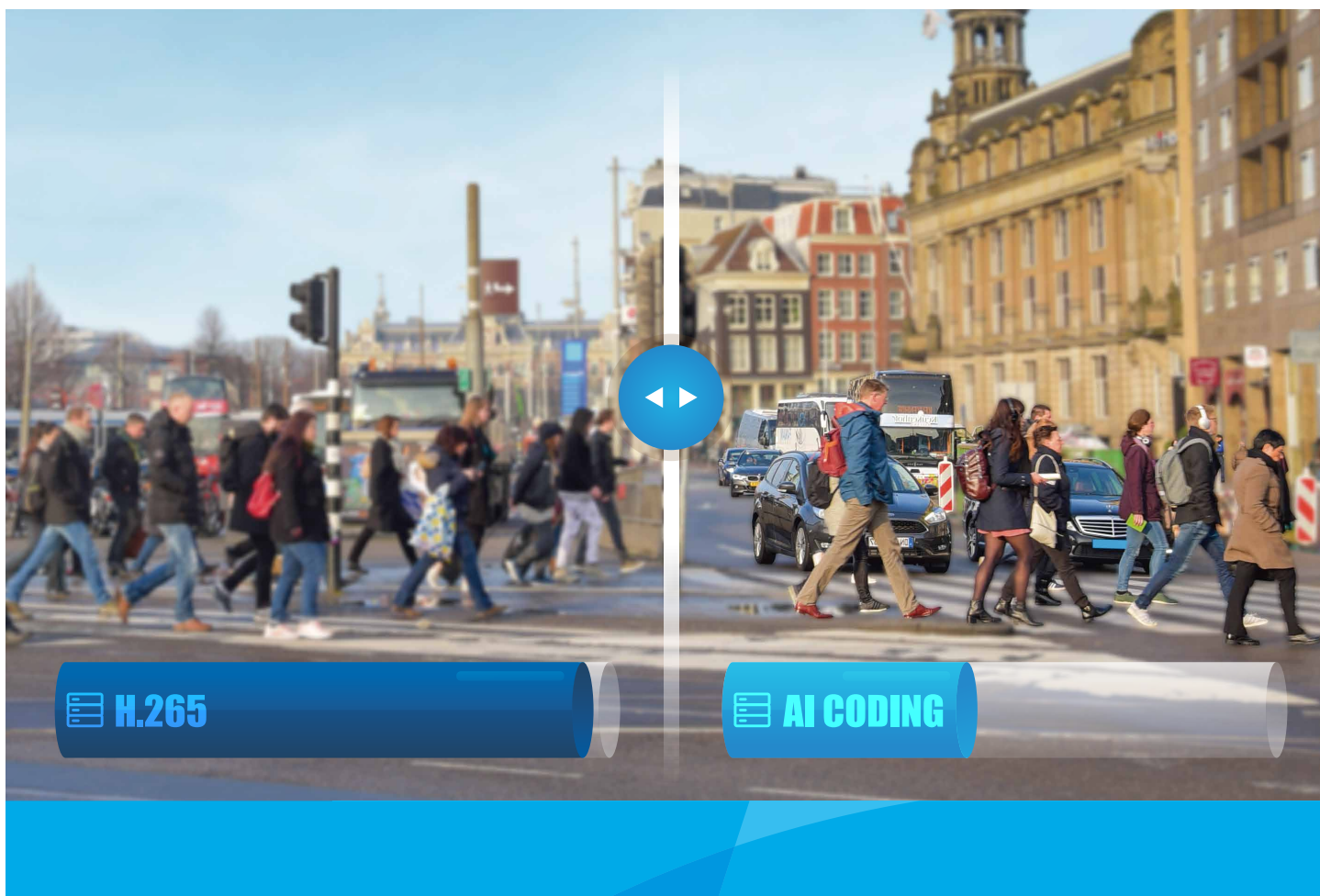




Clearer Target, Lower Bitrate

Dahua WizSense XVR and IPC Powered by
AI Coding Technology



Cost-saving



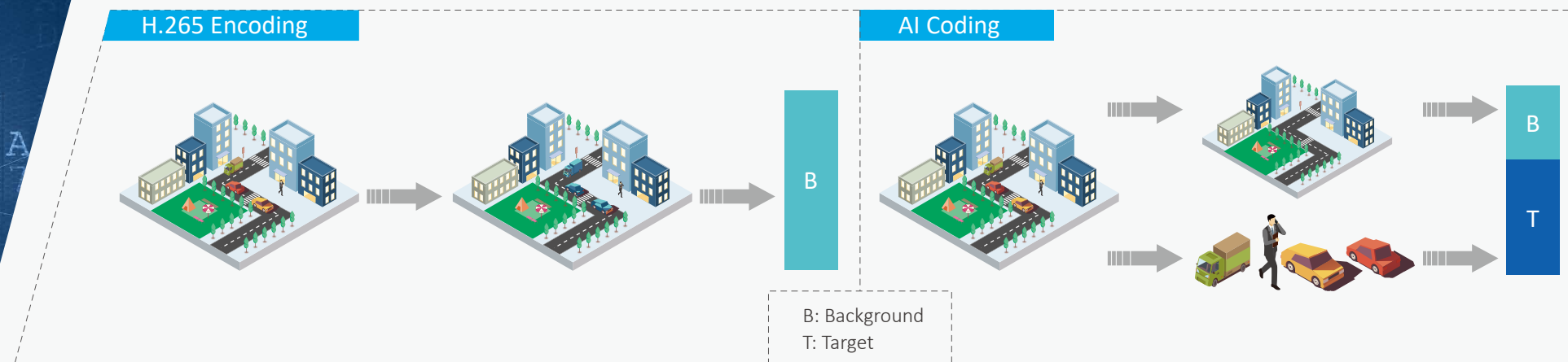
Compatible



Stable

What is AI Coding?

As video moves toward high definition, how to save storage costs while maintaining image quality has become one of the users' concerns. Dahua AI Coding puts emphasis on human and vehicle while encoding, ensuring the target image quality while saving 50% bandwidth and storage costs compared with H.265.



With same low bit rate, AI Coding gives bit rate allocation priority to human and vehicle, effectively improving key target details.

Product Features

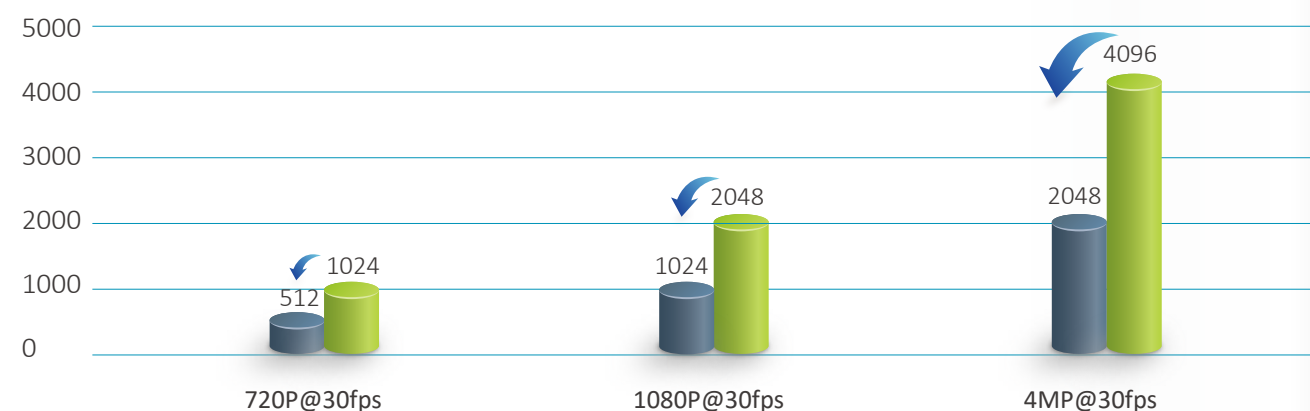
• Cost-saving

Saves 50% of bandwidth and storage space!

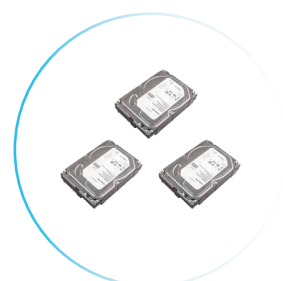
* The AI Coding function is enabled by default in the newest firmware version.

AI Coding H.265

Kbps



Storage for 1 month of video footage



AI Coding: 3T



H.265: 6T



H.264: 12T



2MP/8-ch

• Compatible

Through CBR (Constant Bit Rate), AI Coding does not lose its decoding compatibility when integrated with 3rd party players or platforms.



• Stable

AI Coding based on CBR requires fixed bandwidth construction, ensuring system stability.



VBR (Variable Bit Rate) has high burstiness, which makes it difficult to calculate the required bandwidth.



Makes it easy to deploy bandwidth and improves bandwidth utilization.

Solutions and Products

Highlights:

- Saves more than 50% bandwidth and storage costs compared with H.265 while maintaining valuable target image details.

** The abovementioned bit rate is based on XVR settings. In the analog system, the preview video is the original bit stream. But the IP system video also needs to be encoded and decoded. Thus, the default bit rate of IPC only achieves 25% saving compared to H.265, ensuring excellent image quality.*

- Allows video decoding by Dahua or 3rd party platforms with full compatibility.
- Eliminates users' worries regarding sudden changes in bitstream.



Application Scenarios



Warehouse



Casino



Shopping Mall



Museum

Products Series



Cooper-I Series

- Up to All channel SMD Plus
- Up to All channel AI Coding



XVR4000-I Series (1080N/720P)

- Up to All channel SMD Plus
- Up to All channel AI Coding



XVR5000-I3 Series (5M-N/1080P)

- Up to All channel SMD Plus
- Up to 1 channel video stream Perimeter Protection
- Up to 1 channel video stream Face Recognition
- Up to All channel AI Coding



XVR5000-4KL-I3 Series (4K-N/5MP)

- Up to All channel SMD Plus
- Up to 1 channel video stream Perimeter Protection
- Up to 1 channel video stream Face Recognition
- Up to All channel AI Coding



XVR5000-I2 Series (5M-N/1080P)

- Up to All channel SMD Plus
- Up to 2 channel video stream Perimeter Protection
- Up to 2 channel video stream Face Recognition
- Up to All channel AI Coding



XVR5000-4KL-I2 Series (4K-N/5MP)

- Up to All channel SMD Plus
- Up to 2 channel video stream Perimeter Protection
- Up to 2 channel video stream Face Recognition
- Up to All channel AI Coding



XVR7000-4K-I2 Series (4K)

- Up to All channel SMD Plus
- Up to 2 channel video stream Perimeter Protection
- Up to 2 channel video stream Face Recognition
- Up to All channel AI Coding



IPC 3 Series (2M/4M/5M/8M)

- SMD 3.0, AI Coding, Perimeter Protection



IPC 5 Series (2M/4M/5M/8M)

- SMD 3.0, AI Coding, Perimeter Protection, Face Detection

* Design and specifications are subject to change without notice.

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