



Clearer Target, Lower Bitrate

AI Coding saves 50% bandwidth and storage costs while maintaining valuable target image details



AI CODING



Cost-saving



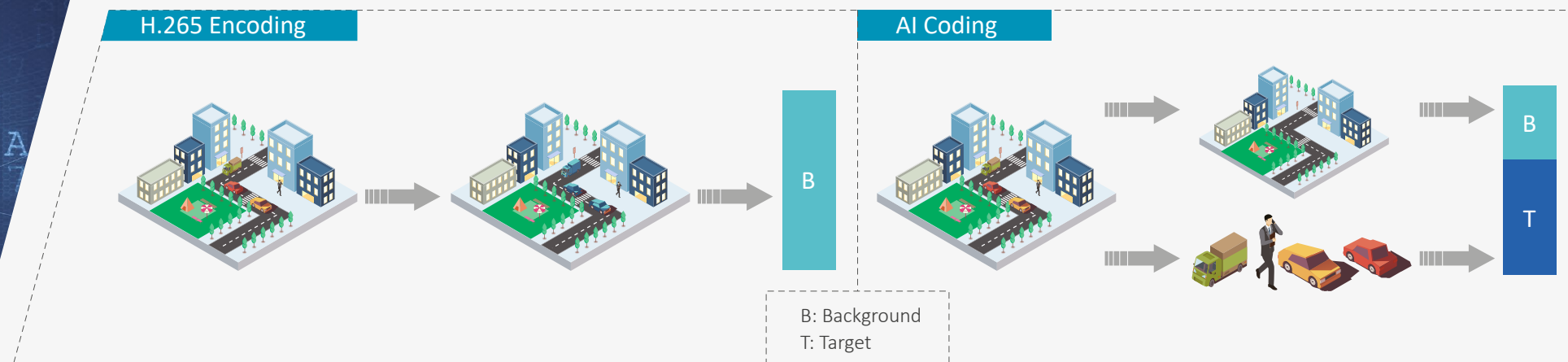
Compatible



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 half bit rate, AI Coding gives bit rate allocation priority to human and vehicle, effectively maintaining valuable target image details.

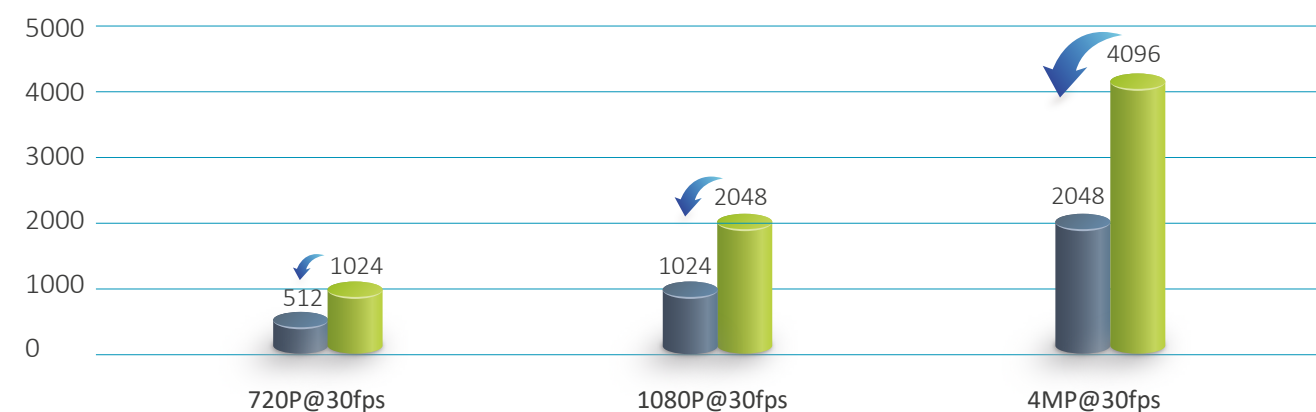
Product Features

• Cost-saving

Saves 50% of bandwidth and storage space while maintaining valuable target image details!

AI Coding H.265

Kbps



AI Coding



• 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 50% bandwidth and storage costs compared with H.265 while maintaining valuable target image details.
- Allows video decoding by Dahua or 3rd party platforms with full compatibility.
- Eliminates users' worries regarding sudden changes in bitstream.



Application Scenarios



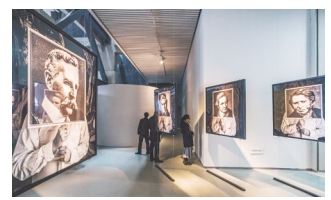
Warehouse



Casino



Shopping Mall



Museum

Products Series



XVR5000-I2 Series

5M-N / 1080P

- Up to full channel AI Coding
- Up to full channel SMD Plus
- Up to 2 channel video stream Perimeter Protection
- Up to 2 channel video stream Face Recognition
- Full channel 5MP / 4MP / 1080P camera input
- Full channel 5M-N@10fps / 4M-N@15fps / 1080P@15fps encoding



XVR5000-4KL-I2 Series

4K-N / 5MP

- Full channel AI Coding
- Full channel SMD Plus
- 2 channel video stream Perimeter Protection
- 2 channel video stream Face Recognition
- Full channel 4K camera input and 4K-N@30fps / 4K@15fps preview
- Full channel 4K-N@15fps or 4K@7fps encoding



XVR7000-4K-I2 Series

4K

- Full channel AI Coding
- Full channel SMD Plus
- 2 channel video stream Perimeter Protection
- 2 channel video stream Face Recognition
- Full channel 4K camera input and 4K@30fps preview
- Full channel 4K@15fps encoding

* Design and specifications are subject to change without notice.

Ver. 1, 2020

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