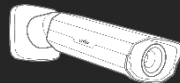




IPC Products



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H.265/HEVC Introduction

What's H.265/HEVC

- High Efficiency Video Coding (HEVC), also known as H.265, is a new video compression standard

Standard publish

- ITU-T Video Coding Experts Group (VCEG) – publishes the H.265 standard as [ITU-T H.265](#).
- ISO/IEC Moving Picture Experts Group (MPEG) – publishes the HEVC standard as [ISO/IEC 23008-2](#).

Patent ownership

- HEVC advance
- MPEG LA

Why we need H.265

- Ultra HD resolution with higher bandwidth
- Reduce bandwidth without compromising the image quality

Advantages of H.265/HEVC



Bandwidth

50% Reduction in **Bandwidth**



50% Reduction in **Bitrate**



50% Reduction in **Storage cost**

2MP IPC as an example

H.264: 4Mbps → H.265: 2Mbps

H.264: 42G/Day → H.265: 21G/Day

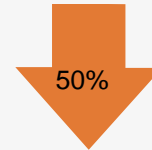
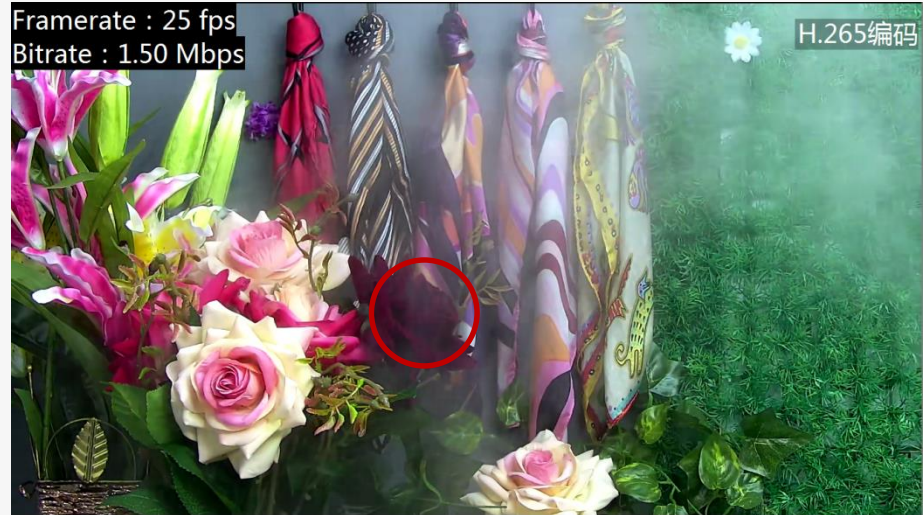
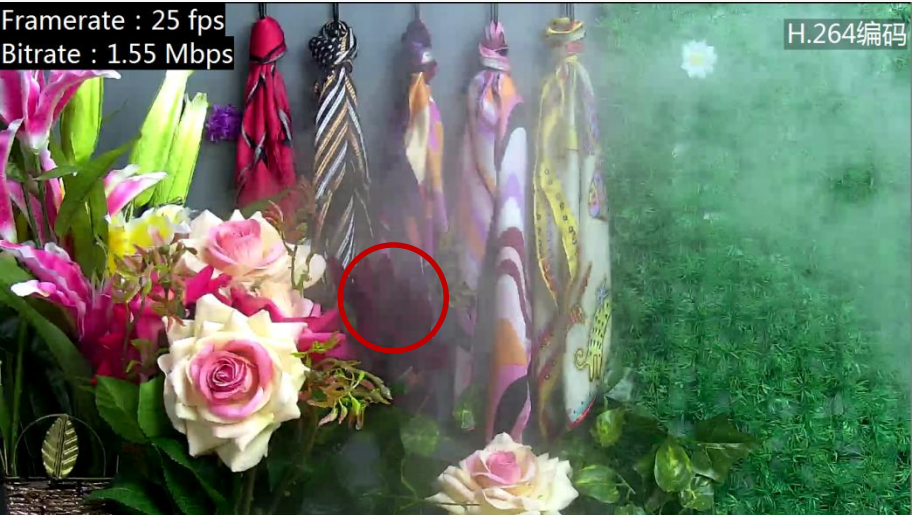


Image comparison



H.265 has better image quality at same bitrate



H.265 Series

Fixed dome



IPC324ER3
4MP mini IR dome



IPC3614SR3
4MP turret IR dome



IPC314SR
4MP mini IR dome



IPC3234SR-DV
4MP manual VF IR dome



IPC3232ER3-DVZ28
2/4MP motorized IR dome



IPC3232ER3-DUV
2MP starlight IR dome

Bullet



IPC2124SR
4MP mini IR bullet



IPC2122SR3-UPF
2MP starlight IR bullet



IPC2322EBR-DPZ28
IPC2324EBR-DPZ28
2/4MP motorized IR bullet



IPC2324EBR-DP
4MP manual VF IR bullet



IPC742SR9



IPC262 series
2MP starlight bullet



IPC252ERA-X22DUG
2MP starlight bullet

2/4MP PT IR bullet

PTZ dome



IPC6252SR-X22(33)U
2MP 22X(33X) starlight PTZ



IPC6852SR-X44U
2MP 44X starlight PTZ



IPC6252SFW-X22U
2MP 22X full spectrum PTZ



IPC6253SR-X33
3MP 33X IR PTZ



IPC6852SR-X44U
2MP 44X starlight PTZ

Box camera



IPC562E-DUG
2MP starlight box



IPC568E-G
12MP box

Particular functions of H.265 series

All H.265 IPC series support



Face detection



People counting

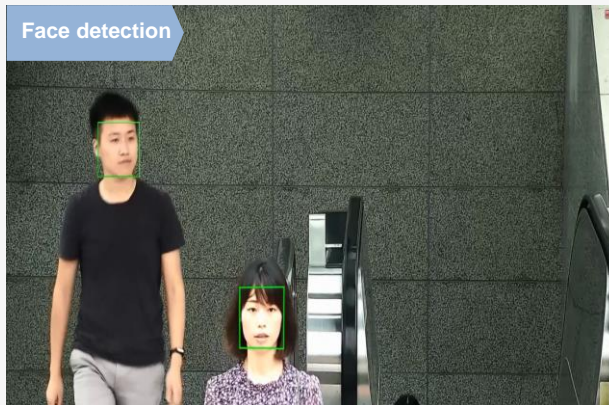


Crossing line



Intrusion

Face detection



Intrusion



Crossing line



People counting 5:40

