

The difference between MPEG-4 and H.264

Velleman offers a number of H.264 compression DVRs, but what is the difference between H.264 DVRs and MPEG-4 DVRs?

H.264 is a new standard for video compression which has more advanced compression methods than the basic MPEG-4 compression. One of the advantages of H.264 is the high compression rate. It is about 1.5 to 2 times more efficient than MPEG-4 encoding. This high compression rate makes it possible to record more information on the same hard disk.

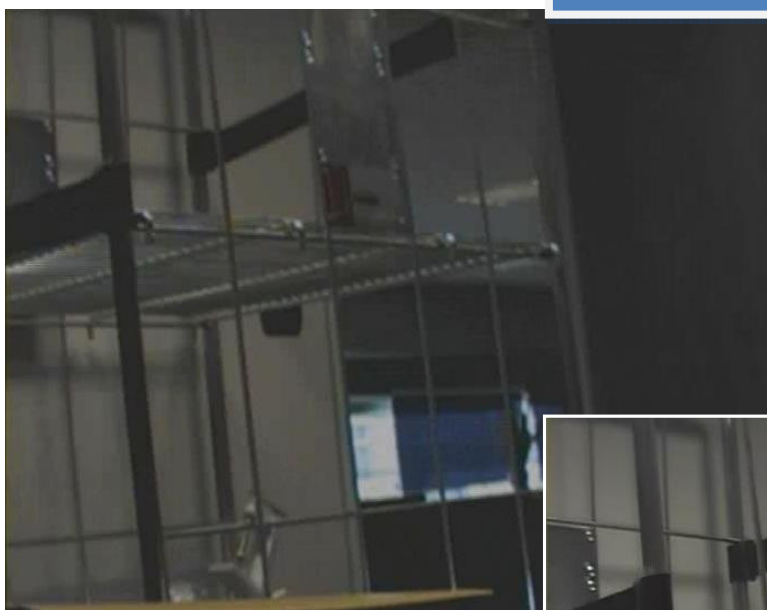
The image quality is also better and playback is more fluent than with basic MPEG-4 compression.

The most interesting feature however is the lower bit-rate required for network transmission.

So the 3 main advantages of H.264 over MPEG-4 compression are:

- Small file size for longer recording time and better network transmission.
- Fluent and better video quality for real time playback
- More efficient mobile surveillance application

MPEG-4



H.264

