

Features of VVC (aka. H.266)

VVC (Versatile Video Coding), also known as H.266, as well as FVC (Future Video Coding).

- Aim for another 30-50% bit-rate reduction from HEVC
- Resolution from 4k to 16k
- Better support for HDR (High Dynamic Range)
- Support 360° video
- Support YCbCr 4:4:4, 4:2:2 and 4:2:0 with 10 to 16 bits per component
- Adaptive Multiple Transforms
- BT.2100 wide color gamut
- Auxiliary channels for depth, transparency, etc.
- Better scalable video coding
- Encoding complexity of 10 times compared with HEVC
- October 2017: Call for proposals

October 2019: First draft of the standard

December 2020: First official standard