



Multi-channel H.264 Baseline Profile Encoder for DM6467

H.264 BP Multi-channel Encoder on DM6467			
Use Case	Channel Resolution	Bit-rate	Channel Density
H.264 DVR High End	D1 @ 30fps	1-3 Mbps	4
H.264 DVR Dual Streaming †	D1 + CIF* @ 30fps	1-3Mbps + 384kbps	4xD1 + 4xCIF
H.264 DVR Medium End	CIF* @ 30fps	384 - 784kbps	16

Multi-channel estimates based on Ittiam Codec, PAL and NTSC. Assumptions / conditions in Speaker Notes

- ME ON 16x16 partitions
- Quarter-pixel refinement
- All Intra 16x16 and 4x4 modes
- In-loop deblocking
- Field Picture support
- CBR rate control mode
- CABAC and CAVLC support

→ **GA H.264 encoder: End of April 2008**

Notes:
Support for both PAL and NTSC

* PAL = CIF @ 25 fps

* NTSC = SIF @ 30 fps

† = Coming soon



Kane Computing Ltd
7 Theatre Court, London Road,
Northwich, Cheshire, CW9 5HB, UK.
Tel: +44(0)1606 351006
Fax: +44(0)1606 351007/8
Email: sales@kanecomputing.com
Web: www.kanecomputing.co.uk