



Box mode #1000 (TEMP)

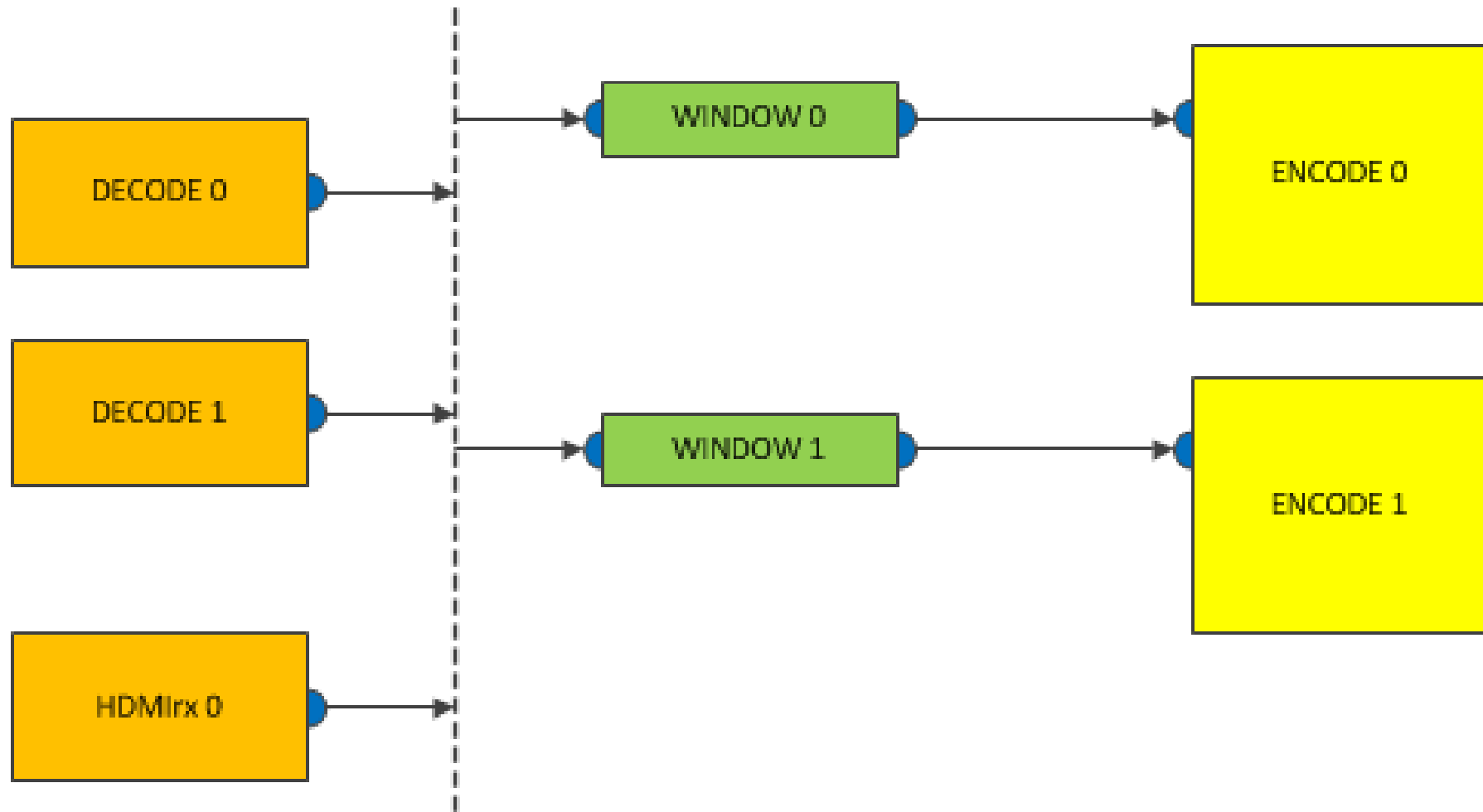
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Box mode #1000 (TEMP)– summary

- TEMP box modes can be used for development and demos only.
 - They are ***not considered production worthy***.
- Required memory speed: 1x 32-bit LPDDR4-3200
 - No high-temperature refresh
- Features:
 - Two 1080p60 capable decoders
 - No display (headless only)
 - HDMI input
 - Two transcodes to 1080p30

Possible video routings



Source limitations

- Decode 0
 - 1920x1080p60 10-bit HEVC/VP9
 - 1920x1080p60 8-bit AVC/MPEG2
 - No MTG support
 - Does not support VP9 super-frame
- Decode 1
 - 1920x1080p60 10-bit HEVC/VP9
 - 1920x1080p60 8-bit AVC/MPEG2
 - No MTG support
 - Does not support VP9 super-frame
- HDMIrx 0
 - Up to 3840x2160p60

HARDWARE RESOURCE MAPPING

Decoder	MFD	Hardware
Decode 0	MFD0	HVD0
Decode 1	MFD1	HVD0

Window limitations

- Window 0 (MAIN / Encode 0)
 - Full-screen only
 - 1080i60 de-interlacing
- Window 1 (MAIN / Encode 1)
 - Full-screen only
 - 1080i60 de-interlacing
- Only one CAP/VFD available for Window 0 or Window 1

Display and encode limitations

- No display supported
- Encode 0
 - Up to 1080p30 8-bit
- Encode 1
 - Up to 1080p30 8-bit