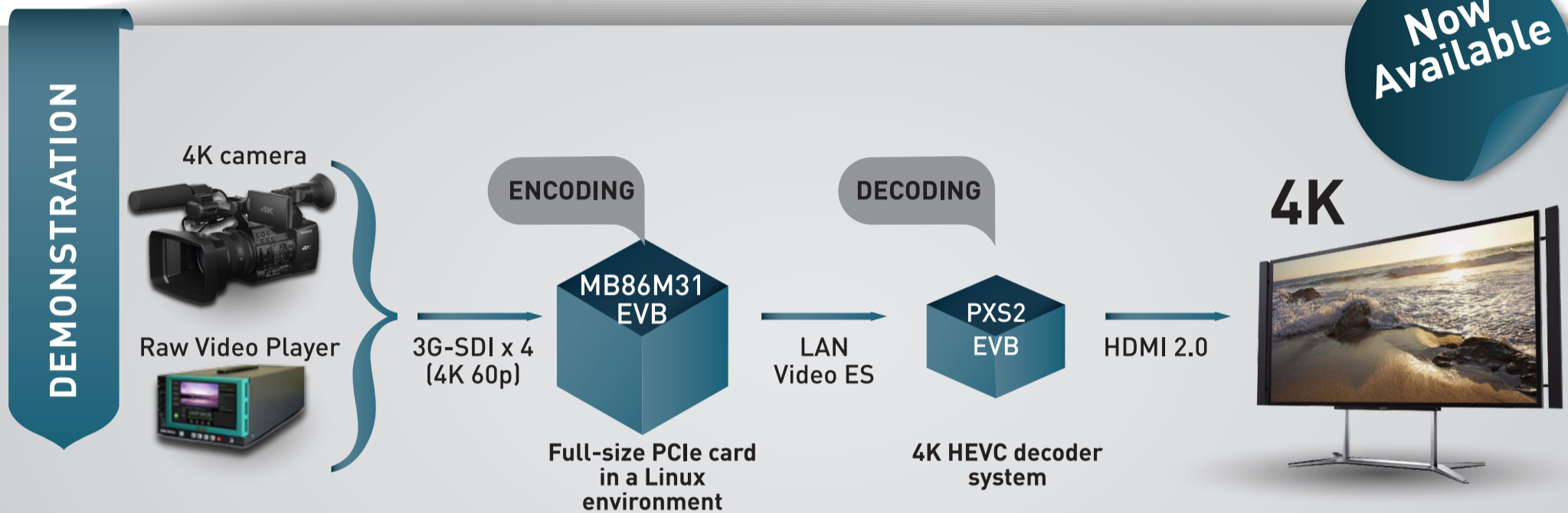


HEVC 4K 60P Real-time Encoder

First Single-chip HEVC Encoder: MB86M31

Now Available



FEATURES & SPECIFICATIONS

- Socionext's proprietary HEVC encoder core
- Excellent picture quality with low bit rate (e.g. 1080p 60 at 2Mbps)
- Various 4K formats supported at 60 fps 4:2:0 Main/Main10 and 4:2:2 10-bit
- Support for multiple channel encoding (e.g., 1080p 60 x 4 channels)
- Upgradable firmware
- Low power (8W at 4K 60p encoding) compared to CPU/GPU solutions

APPLICATIONS

- Contribution encoder
- Broadcasting equipment
- IP video distribution systems
- End-to-end video delivery
- Cloud/video servers
- News gathering
- Medical / industrial imaging

DEVELOPMENT KIT

- Full-size PCIe form EVB
- Linux SDK