

Streaming slow motion breakthrough

I-Movix/EVS

By David Fox

An ultra-slow motion system that delivers groundbreaking 250fps real-time continuous streaming has been developed by I-Movix and EVS. This new offer compares to existing super slo-mo cameras that can achieve 150fps (for 50i broadcasts).

The X10 system can be used at 25-250fps at 25p in continuous mode, and delivers ultra-slow motion at up to 2,700fps in 1080i replay mode – or 5,800 in 720p – with instant replay using an EVS LSM remote controller. The continuous streaming is possible thanks to integration with the EVS XT3 production server under LSM control.

Laurent Renard, CEO of I-Movix, commented: “Our aim with the X10 has been to develop a system that



Slow motion accelerated:
Renard calls X10 “the most versatile solution ever”

delivers unmatched performance in a package so flexible that broadcasters can use it in a variety of ways. This new product is clearly the result of a technological development partnership with EVS, designing market-leading broadcast live slow motion servers, and is a significant advance

on the current state of the art of live sports broadcasting.

“The combination of continuous streaming at 10 times slower than the live action, with the alternative of instant ultra-slow motion replays at thousands of frames per second, makes this the most versatile solution ever. The X10 will accelerate the acceptance of ultra-slow motion into the mainstream of broadcasting,” he added.

When used as a continuously streaming system, X10 provides always-on slow motion, with the reassurance that no action need ever be missed. It uses the latest generation Vision Research high-speed HD camera, a camera control unit, an operational control panel, a slow-motion remote panel (for use in ultra-slow motion replay mode), and can be used by any broadcast crew without specialist training. **11.E60/8.B90**