

## I-MOVIX® ULTRA MOTION CAMERA INTEGRATION

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### Technical Support

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***The unique combination of high frame rates and continuous streaming: up to 300 FPS in full HD with the first always-on live ultra motion solution***

Designed to be used in combination with the EVS XT3 live production server in its U Motion version, the X10 solution outstrips the performance of existing continuous slow-motion systems, which are restricted to three times slower than real time, or 90 FPS.

The combination of XT3 and X10 delivers groundbreaking 300 FPS real-time continuous streaming in 1080i (600 fps at 720p), with the familiarity and flexibility of a traditional broadcast camera.

Capable of up to 38 hours of continuous ultra motion on the EVS XT3 live production server, the X10 system is a fully broadcast-integrated solution and includes the latest high-speed lightweight portable HD camera, a camera control unit, and an operational control panel.

The slowed-down footage from X10 is used as replay footage directly following an action or incident during a live broadcast. The quality of the footage and its detail is so significant that it provides opportunities for further insight and analysis.

The new XT3 – X10 workflow covers all required features for any Live Slow Motion operation.

### Features

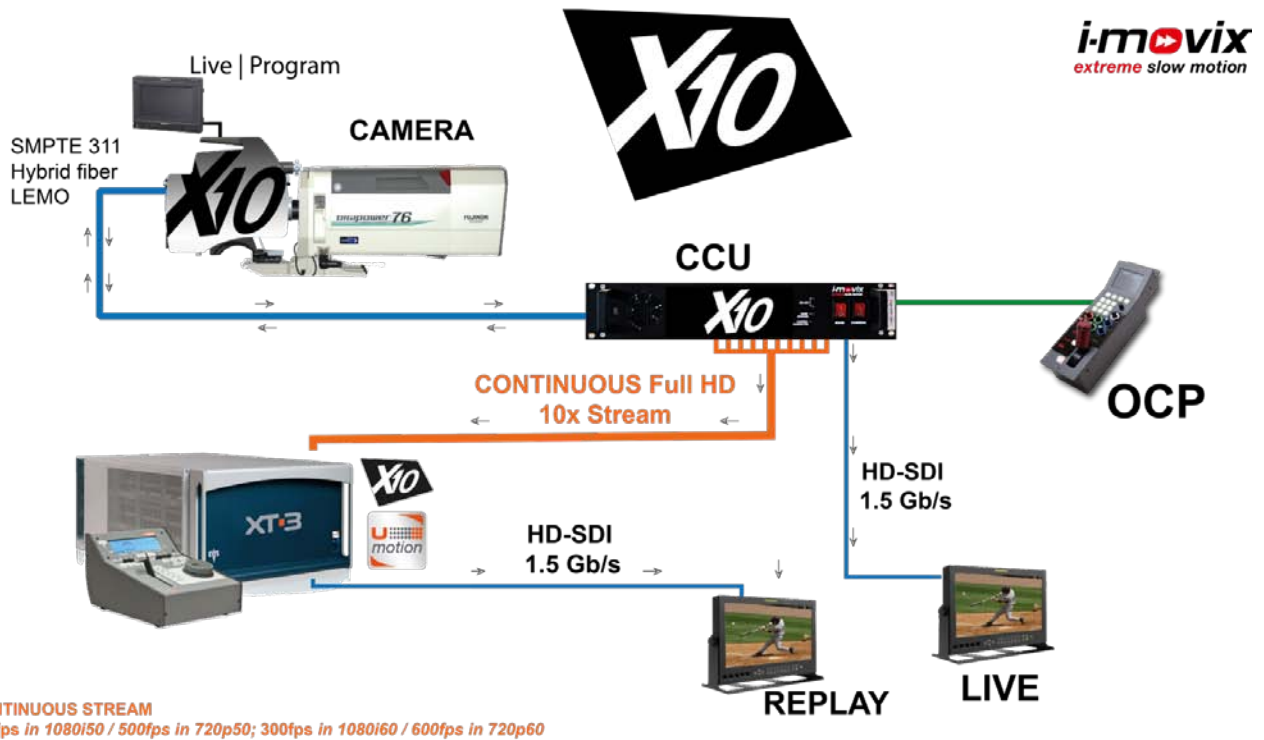
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- ▶ Full ultra-motion live slow motion replay control
- ▶ No rendering for replay
  - Up to 300 fps real-time continuous ultra motion in 1080i60
  - Up to 600 fps real-time continuous ultra motion in 720p60
- ▶ Full control with the LSM remote controller (record, store and play at variable speeds)
- ▶ No dedicated operator required
- ▶ As simple as the EVS LSM standard workflow



Designed to Perform

**i-movix**  
extreme slow motion



The X10 camera is linked to the XT3 production server via the I-MOVIX® CCU, which handles communication between the camera and the server (through RS-422 link) and between the camera and its OCP (for camera setup). Ultra Motion footage coming from X10 is recorded on the XT3 server and can be accessed, replayed (at variable speeds) or processed as usual with the EVS remoteLSM

### Ultra Motion Technical Specifications

<b>LENS MOUNT</b>	B4, PL, C, F Mounts
<b>FRAME RATES</b>	Up to 300 FPS real-time continuous slow motion in 1080i60Up to 600 FPS real-time continuous slow motion in 720p60
<b>SENSOR</b>	Full HD Single CMOS Sensor
<b>RESOLUTION</b>	1920 x 1080
<b>OPERATING TEMP.</b>	0-50 degrees C (32-122 F)
<b>VIDEO OUTPUT</b>	HD SDI

### XT3 U Motion technical specifications

<b>VIDEO SYSTEM</b>	EVS XT3 server available as HD/SD or SD with "HD Ready".
<b>VIDEO COMPRESSION</b>	M-JPEG, MPEG-2 intra, Avid DNxHD® High Level, Apple ProRes® up to 100Mbps
<b>AUDIO SYSTEM</b>	Up to 96 uncompressed audio tracks at 20 or 24 bits 48KHz
<b>DISK STORAGE</b>	Up to 84 x 300GB
<b>RECORDING CAPACITY</b>	HD, up to 381 h ; SD, up to 762 h



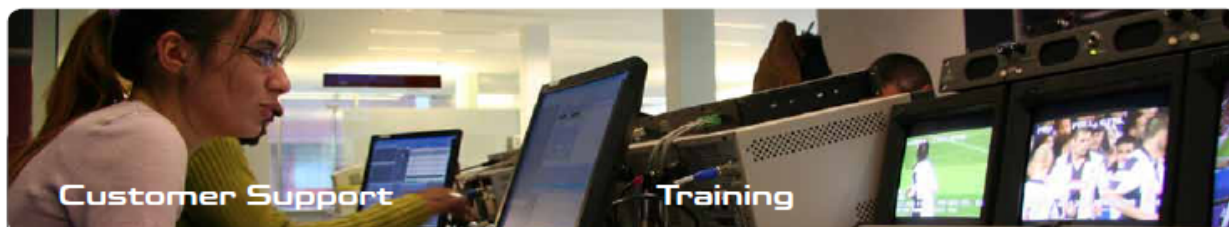
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## Customer Support & Training

Our clients range from TV stations to video equipment rental companies and production houses worldwide. EVS' key priority is to make sure that its clients keep performing at the highest possible level. We listen to our customers, identify operating workflows, anticipate needs, and suggest effective and reliable solutions, so that they in turn can offer top-quality productions to millions of TV viewers across the globe.



EVS is dedicated to making sure its products are functioning in a way that meets your needs and expectations. We offer technical support 24/7 from each of our regional offices, so you can rest assured that someone will always be available to answer any questions that may arise.

All members of EVS' technical support team are qualified technicians with a solid background in broadcasting. They understand your requirements and can provide you with the best solution available.

Do you want to learn how to operate EVS systems and applications or enhance your skills in using our tools?

EVS Training offers a series of courses on how to operate its products, taught in-house by industry professionals. Some of the training sessions are conducted by the EVS team via a Web interface, so that you get hands-on instruction even at a distance. EVS User Guides and technical documents are available free-of-charge on our Website.

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