ADEPT TURNKEY
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Worldwide Exclusivity
NAB 2013

The added-value in ***10x Super Slow Motion*** *mode:*

- ***up to 300 fps real-time continuous ultra motion in 1080i60***
- ***up to 600 fps real-time continuous ultra motion in 720p60***
- ***combined with the EVS XT3 live production server***
- ***up to 38 hours of continuous ultra motion***
- ***as simple as the EVS LSM typical workflow***

The added-value in ***Extreme Slow Motion*** *mode:*

- ***up to 2,600fps in 1080i, up to 5,600 in 720p***
- ***instant replay***
- ***live and replay output***
- ***segmented memory***
- ***autoclip & growing clip enhanced workflow***

X10+

Ultra Motion for Every Occasion

No More compromise,
But the ***unique combination*** of
10x Super Slow Motion & ***Extreme Slow Motion*** modes

CAMERA

- Latest generation HD camera
- B4, PL, C, F Mounts
- Up to 300 FPS real-time super slow motion in 1080i60
- Up to 600 FPS real-time super slow motion in 720p60
- SMPTE Fiber Optic Connection
- Full HD Single CMOS Sensor
- Red and Green Tally
- Built-in Intercom
- 2 microphone inputs
- Video returns

OCP

- Joystick Control (Iris, Black, Preview)
- RGB & Master Gains
- RGB & Master Pedestals
- Auto White/ Black Balance
- Gamma Control, Black Gamma
- Standard Color Matrix
- Saturation
- Flare compensation
- Detail enhancement
- Frame Rate/Shutter Control
- Setup settings (Format, Genlock, etc.)
- User pre-sets
- Remote updates

CCU

- HD-SDI Live Signal
- Size: 2U
- 10x output to the EVS XT3 live production server, with UMotion
- Four return video inputs
- Ethernet connection between CCU and OCP
- Bi-level, tri-level Genlock
- Intercom
- Up to 1,000m between camera and CCU
- Remote updates

SLOW MOTION REMOTE (IN ESM MODE)

- User-Friendly Slow Motion Remote
- Easy Sequence Selection
- Auto-clip to EVS server
- Instant Replay
- Ramping of Speed within a Replay
- Cueing System
- Multi-block Management
- Compatible with EVS
- Hypermotion Mode

THE ULTRA SLOW MOTION SYSTEMS SUPPLIER FOR BROADCAST
Tel +32(0)65 320 450 | info@i-movix.com | www.i-movix.com

i-movix
extreme slow motion

www.adept.net.au

10x Super Slow Motion mode (10xSSM)

Format	1080i50	1080i59	1080i60	720p50	720p59	720p60
10xSSM	250 fps	299.7 fps	300 fps	500 fps	599,4 fps	600 fps

Recording times: up to 38 hours on EVS XT[3] UMotion

Extreme Slow Motion mode (ESM)

Recording times (32Gb)

Frame rate	300 fps	500 fps	1,000 fps	Max fps
Full HD 1080i	33 sec	20 sec	10 sec	3,8 sec (2,600 fps)
HD 720p	81 sec	46 sec	22 sec	3,92 sec (5,600 fps)

Camera Control Unit (CCU)

General

Dimensions (W x H x D)	438 (19inch rack) x 88 (2U) x 465 mm
Weight	7 Kg (15.43 lb)
Operation temperature	0-40 degrees C (32-104 F)
Operation humidity	Max 80 % (non-condensing)

Connectors

SDI-in	4 x BNC 1ch 1.0Vp-p 75 Ω
SDI-out	6 x BNC 1ch 1.0Vp-p 75 Ω
X10 Interface to XT3	10 BNC
AES out	1 BNC
Control data	RJ45 x 3
Tally (R, G)	Input Relay Contact
Genlock	SD Analog Black Burst (Bi-Level) or HD Tri-Level Sync
Hybrid Fiber Connection	LEMO FMW.3k93C. SMPTE 304 Tajimi / Fischer / Rosenberger Connector (optional)

Video Output & Input Formats

Video Output & Input Formats	HD-SDI 1080i 50 / 59.98 / 60 HD-SDI 720p 50 / 59.98 / 60

Intercom – Audio

Line Level	+4dBu Nominal
Intercom ENG/PROD	4-wire System (Balanced)
Intercom PGM	Balanced Input
Microphone output	2 x 3-pin XLR
Head set connector	5-pin XLR
Volume control	ENG, PROD, PGM

Power

Power requirements	AC 80 V to 240V, 47 to 63 Hz
Power connector	IEC type, 3-pin male
Power consumption	280VA max. with camera

Camera

General

Sensor	12-bit CMOS with 10µm pixel
Effective picture elements	1920 x 1080
Lens mount	B4 Mount, PL Mount, C Mount, Nikon F Mount
Recording Frame Rate	300fps real-time continuous ultra motion in 1080i60, or 600fps in 720p60
8-inch Color Viewfinder	Sony OLED, or any HD-SDI viewfinder
Operation temperature	0-40 degrees C (32-104 F)
Mounting	V-Wedge Quicklock Mount
Dimensions (W x H x L)	180 x 325 x 370 mm
Weight	9 Kg (19.84 lb)

Input/Output Connectors

Viewfinder connector	BNC type, 1.0Vp-p 75 Ω
DC (12V/1.5A)	5-pin Hirose
Lens connector	12-pin Hirose
Hybrid fiber connector	LEMO EDW.3K.93C.TLC / SMPTE 304 Tajimi / Fischer / Rosenberger connector (optional)

Transmission

Transmission cable	SMPTE 311 Hybrid Cable up to 2,000m

Operational Control Panel (OCP)

User interface	Graphical TouchScreen, Rotary Knobs
Power connector	XLR 4-pin 12 Vdc
Control Data	RJ45 / Up to 100m between CCU and OCP
Dimensions (W x H x L)	99 x 116 x 355 (323) mm
Weight	2 kg (4.41 lb)

Slow Motion Control *(Super Slow Motion mode only)*

Controls	Jog, Shuttle, Buttons
Power Connector	XLR 4-pin 12 Vdc
Control Data	RJ45 / Up to 100m between CCU and slow motion remote
Dimensions (W x H x L)	164 x 80 x 255 mm
Weight	1.5 kg (3.3 lb)

Intercom – Audio

Head set connector	5-pin XLR
Microphone input	2 x 3-pin XLR
Volume control	ENG, PROD, PGM

Shed boxes available to use with ordinary single mode fiber (extended distance between CCU and camera)

Specifications are subject to change without notice.

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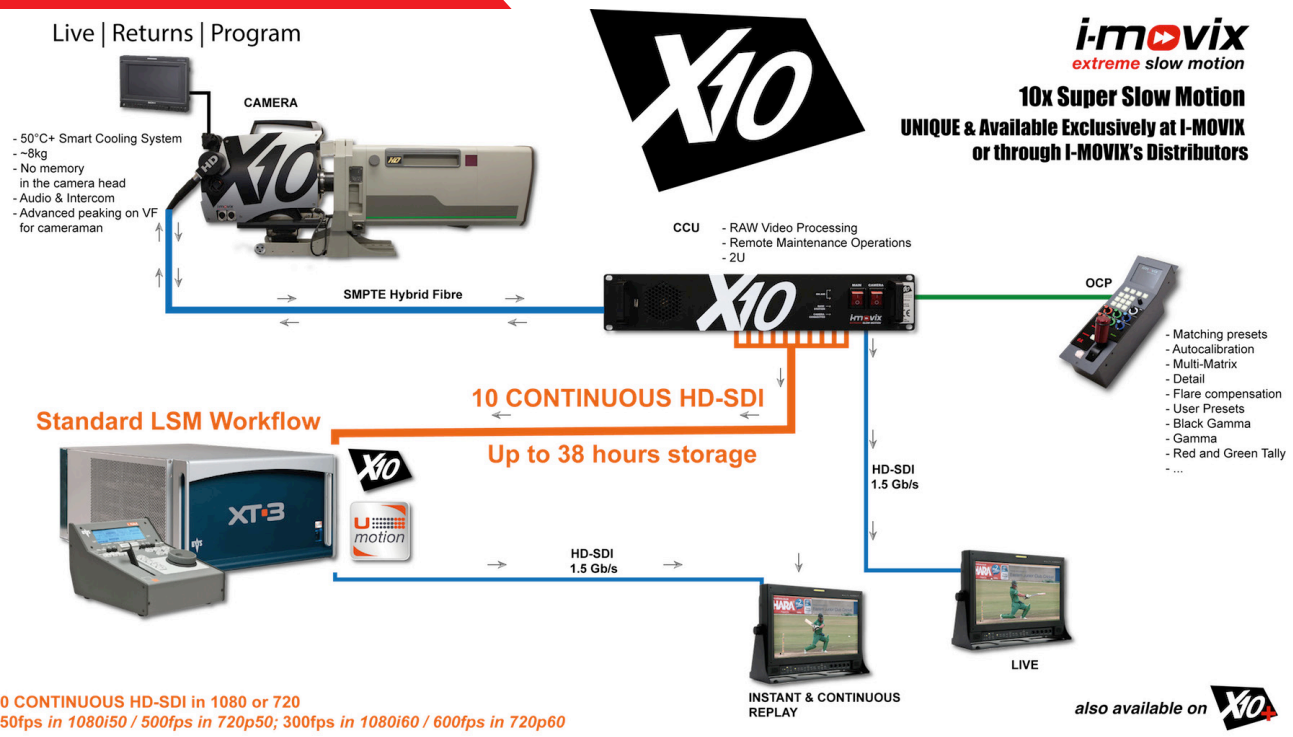
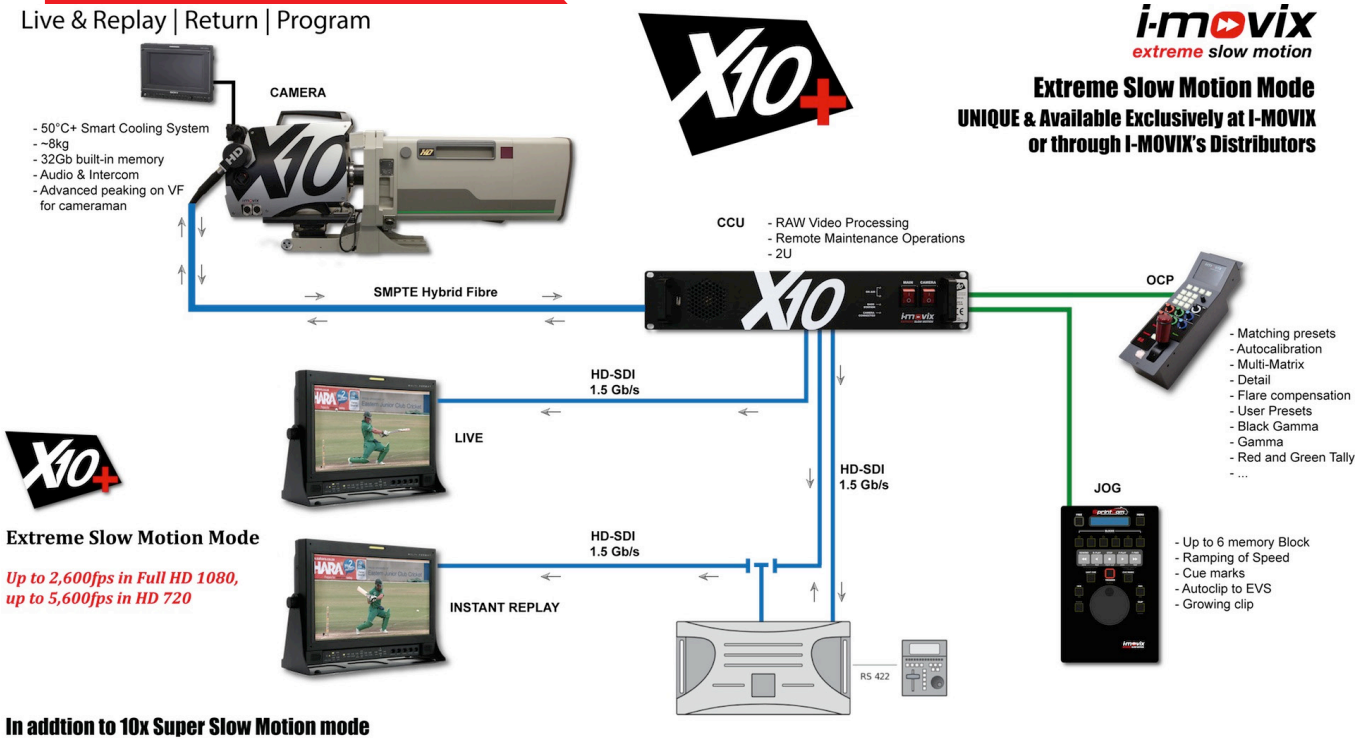
10x Super Slow Motion mode workflow



i-movix
extreme slow motion

10x Super Slow Motion
UNIQUE & Available Exclusively at I-MOVIX or through I-MOVIX's Distributors

Extreme Slow Motion mode workflow



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