

I-Movix X10 UHD



General Overview

Ultra Slow Motion UHD (4K) / HD Camera System

The I-Movix X10 UHD is the industry's first 4K Ultra Slow Motion Camera System to support continuous Super Slow Motion (SSM), plus Ultra Slow Motion (USM) at up to 1000fps. Utilising Vision Research's Phantom Flex4K camera with it's PL mount or B4 mount adaptor, the X10 UHD supports operation in a range of modes to meet differing production requirements. The camera chain can be instantly re-configured for 4K or HD shooting scenarios.

For high-frame rate Ultra Slow Motion in 4K the X10 UHD operates in USM mode to deliver instant replays of up to 1000fps. For continuous non-stop recording, SSM mode delivers up to 100fps at UHD 50P. When operating in HD resolutions (1080P or 1080i) the X10 UHD offers up to 500fps in continuous SSM mode, and up to 2000fps in USM mode. It's ability to record and playback at the same time along with a dedicated separate live output means that the camera can be cut-to live by the Director at any time.



Technical Specifications

• Image Sensor	Single CMOS	• View Finder	8" LCD colour viewfinder
• Effective Picture Elements	4096x2304	• Tally	Red and Green input/output
• Recording Frame Rate	Up to 1000fps @UHD 50P Up to 2000fps @1080 50i	• Video Output	2x HD-SDI LiveOut 2x HD-SDI ReplayOut
• Recording Time	5 Sec @ 1000fps UHD 20 Sec @ 1000fps HD	• Audio Output	2x XLR 3 Pin
• System Signal rates	2160P 50/59.94/60 1080i 50/59.94/60 1080P 25/29.97/30/50/60 720P 50/59.94/60	• Reference (Genlock) Input	1x BNC HD Tri-level, B/B
• Bit Depth	10bit	• Power Requirements	AC 110 to 240V, 50/60Hz
• Lens Mount	B4/PL Mount	• Power Consumption	280VA max
• Hybrid Fibre Connector	1x LEMO 3K	• Operating Temperature	-20C to +40C
		• Dimensions CamHead	51 x 20 x 100 cm
		• Weight CamHead	9Kg
		• Dimensions CCU	44 x 90 x 47 cm (2U)
		• Weight CCU	7Kg

- ULTRA HIGH SPEED 4K OR HD CAMERA
- UP TO 1000 FPS 4K OR UP TO 2000 FPS HD
- TRUE UHD REALTIME OUTPUT
- INSTANT PLAYBACK
- RECORD AND REPLAY AT THE SAME TIME
- SEPARATE LIVE HD OUTPUT
- PL MOUNT WITH OPTIONAL B4 MOUNT
- CONTINUOUS INGEST OR USM TRIGGERED
- STANDARD SMPTE HYBRID FIBRE
- EASY INTEGRATION INTO OB WORKFLOW

