

General Overview

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

The first exclusive camera providing ultra-slow motion in HD and 4K with the equivalent of 12 channels in super slowmotion without the need of a production server. INFINITE is a radically different new ultra-slow motion camera system that combines extreme scalability with trigger-less operation, and is the first to provide continuous on-board loop recording of more than an hour of high frame rate in HD and frame-accurate ramping of speed without compensation and interpolation. Based on Vision Research's Phantom® Flex4K camera and the I-MOVIX X10 platform, INFINITE can be operated in a range of modes to meet the most challenging production constraints, either technical or financial. INFINITE helps streamline production logistics when used either in standalone mode without a server, or in conjunction with a server, where it only requires a single channel, saving cost and space in the mobile truck. The trigger-less workflow empowers production teams to review and save ample content from the live show, for post-game analysis and for marketing – all of which dramatically reduces the per-minute cost of this unique technology.



Technical Specifications

• Image Sensor	Single CMOS	• View Finder	8" OLED colour viewfinder
• Effective Picture Elements	4096x2304	• Tally	Red and Green input/output
• Recording Frame Rate	Up to 150fps @UHD 50P Up to 600fps @1080 50i	• Video Output	4x HD-SDI LiveOut 4x HD-SDI ReplayOut
• Recording Time	45min @ 150fps UHD 45min @ 600fps 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
* Continuous Record	4K 150fps ; HD 600fps	• 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 +50C
		• 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 150 FPS 4K OR UP TO 600 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 LOOP INGEST
- STANDARD SMPTE HYBRID FIBRE
- EASY INTEGRATION INTO OB WORKFLOW

