

CINEFLEX

Cineflex V14 HiDEF System provides the most stable, and best performing tool for aerial filming in the world. HeliAir Sweden have produced aerals since 1998 and have mastered the elements of creating unforgettable HiDEF aerals. Cineflex have set a new standard, now HeliAir Sweden will raise it.



THE COMPANY

HeliAir Sweden plan and execute each mission carefully which results in more efficient airtime. Aerial filming is a big ticket item in any production budget, efficiency and experience are paramount in achieving the best value for your money. We have produced aerials for commercials, movies, documentaries, reality shows, live sport events and 3D visuals. Our crew have shipped and worked with the Cineflex around the world, we are permitted to operate it in over 50 countries.

THE V14 GIMBAL

The gimbal is a fully digital 5-axis gyro stabilized turret. The aluminum and carbon-fiber shell houses the stabilization control, gyros, and its powerful 42x zoom lens. The gimbal can turn 360° degrees, roll, and tilt. At 350 mm in diameter, it's small and lightweight and can handle extreme weather down to -33°C.



THE CAMERA

SONY CINEALTA HDC 1500 offers full bandwidth up to 4:4:4 in progressive or interlaced at frame rates up to 60p. The HD camera meets the expectations and recommendations of major filmmakers and numerous cinematographers as well as high end commercials. We can broadcast live HD aerials up to 50 km when fitted with a downlink system.

CINEFLEX LENSES

Our Cineflex comes with a option of two lenses. Fujinon HA 42x (9.7 mm - 410mm) in terms of 35mm film: 24mm-1000mm (up to 2000 mm in 2x extender). It was used in BBC's nature documentary "Planet Earth". With this zoom lens you can read a license plate from several kilometers. We are proud to supply a shorter wide-angle lens: Fujinon HA 22x (7,8 mm - 176mm) in terms of 35mm film: 16- 360mm. This lens is suitable for low flying action packed scenes and panoramic film style scenarios.

CONTROLLING THE CINEFLEX

A single cable is connected to the operator's Laptop Console. The gimbal is accurately moved by a joystick control on the pan, tilt and roll axes with numerous user-defined fine adjustments. The zoom, focus, iris and camera menu settings can also be adjusted from the Laptop Console.



CINEDECK 4:4:4 RECORDER

Our CINEDECK is state of the art portable, direct-to-disk, cinema-grade HD/2K video recorder designed and built by cinematographers for cinematographers. It captures edit-ready uncompressed 4:4:4 or 4:2:2 HD, Apple ProRes, Avid DNxHD, and "Visually Perfect" CineForm™ Digital Intermediate files in MOV format to removable 2.5" SSD for maximum compatibility/reliability and cost-effectiveness. The captured files are ready for editing immediately in Apple Final Cut Pro, Avid Media Composer v5.0, and Adobe Premiere Pro. The full bandwidth recording of 4:4:4 RGB can match 35 mm shots and RED 4K.



THE 4:2:2 RECORDERS

Nano Flash and Flash XDR are award winning solid-state HD/SD recorders that utilizes the very high-quality Sony MPEG2 4:2:2 CODEC in full HD. It creates QuickTime or MXF files with bitrates up to 280 Mbps. We deliver the material on a portable hard drive which eliminates expensive media that get's outdated. All major editing software are supported: Avid, Vegas, Edius, Premiere, Matrox Final Cut Pro. The 280 Mbps I-Frame mode matches RED recorded material.



MOUNTING & HELICOPTERS

HeliAir Sweden owns and operates several helicopters. The AS350 serves our Cineflex on most missions and are considered the # 1 choice of aerial work platform in the world. We provide Cineflex mounts for: Eurocopter AS350 & AS355. Bell Jet Ranger / Long Ranger B206 & 407. We can also mount the Cineflex on our 4x4 truck or a high speed boat.

SYSTEM SPECIFICATIONS

System Type	5-axis Gyro-stabilized
Pan Coverage	360° Continuous
Tilt Coverage	+20° to -195°
Roll Coverage	+/- 45°
Slew Rate	>55°/sec
Maximum Slew	100°/sec ²
Operating Temp	-33°C to +45°C

CAMERA

HD Camera	Sony HDC-1500
Imaging Device	3 -CCD 2/3"
Effective Pixels	1920 (H) x 1080 (V)
Aspect Ratio	16:9
Frame Rates	1080/50i, 60i, 30P, 25P, 24P 720/60P, 50P
Servo Filter	Yes
Sensitivity	F10 at 2000 l (3200k, 89.9%)
Signal-noise ratio	54dB (typical)
Horizontal	1000 TV lines

DIMENSIONS

ITEM	WEIGHT	DIMENSIONS
Turret	30 kg	36.8 x 49,5 cm
Auxiliary Unit	12 kg	35, x 23 x15 cm
Laptop Unit	2 kg	43 x 22 x 4,5cm
CARGO / TRANSPORT	195 kg	7 Flight Cases

ADDITIONAL

Updated with the latest Gimbal / Camera firmware
Professional built hyper gamma curves
Built in reverse polarity fuse box
Telemetric transceiver control for iris and camera



LENS OPTIONS

Fujinon	HA 42 x 9.7 9.7mm -815mm
Fujinon	HA 22 x 7.8 7.8mm to 176mm
Optical doubler	Yes
Digital doubler	Yes

POWER

Input Voltage	19 - 32 Vdc
Power – Quiescent	85 Watts
Power – Continuous	170 Watts
Power – Transient	230 Watts
Power – Output	12 Volt



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