Superloupe™ Wireless

The Superloupe™ Wireless offers a lightweight, hand-held ultra slow motion camera solution capable of extremely high frame rates

In exclusive partnership with Digital Video Sud (DVS), part of the Euro Media Group, ACS now offers the Superloupe™ Wireless as a full turnkey UK based rental service.

Developed in-house by DVS the Superloupe™ Wireless delivers ultra slow motion shots and comes equipped with an RF video/data

system (provided in partnership). It provides a fully portable system allowing the operator complete flexibility to move around a stadium or event environment to ensure none of the action is missed on the ground. The complete camera/RF solution is configured to integrate into the live OB broadcast environment with either 'replay' only or 'replay and live engineering' RF package options available.

Technical Specifications

VIDEO PERFORMANCE
Sensor:	12bit CMOS Sensor
Effective picture element (HxV):	1920x1080
Line Standard:	720p, 1080i50, 080psf25
Gain:	-3dB to +0dB
Internal Memory:	32GB
Maximum fps:	2500fps
Recording Time:	@ 100fps 10.3s
Sensitivity:	@ 500fps @ 2000lux F7
Viewfinder:	Colour 3.5" HDVF-C35W
Lens Compatibility:	Canon 17x, 22x, Fuji 26x, 25x

CAMERA HEAD
Power requirement:	18-36v battery
Power consumption:	220W
Power duration time:	Up to 4 hrs per battery
Operation temperature:	0º to 40º
Storage temperature:	-10º to 55º
Dimensions & weight:	40x25x25cm (15.7x9.8x9.8 inches) 7KG (including viewfinder)

OCP
Parameters:	Gain RGB, Gamma, detail, legaliser. White/Black balance. Shutter, record speed. Iris Control.
Matrix:	EBU, ITU and Users matrix

CCU
Power:	AC power connector - 110/220V 50/60Hz Max 200W
Dimensions & weight:	3U/48.3, 3x 52.8cm (19x5, 25x20.8 inches) 15KGs (33lbs)
Video Ouput:	4x BNC playback HD 4x BNC live HD
Ethernet:	2 Ethernet EVS/Support
OCP:	RS232
Tally:	GPI (Contact closure)

RF TRANSMISSION
System compatibility:	LIVETOOLS Runner III, LINKS HDL1500, ClipOn4 etc
Power requirement:	12V battery
Power consumption:	30W
Power duration time:	Up to 2 h
Weight:	1.4KG
Mode FULL CONTROL:	All wireless system with Ethernet, FS232/422 & 2HD video
HD SDI:	H264-4:2:2 - 2 INPUTS (LIVE/PLAYBACK)
Data:	Ethernet - OCP Control/Hypermotion Control
Iris:	RF232
Tally:	GPI (Control closure)
Audio Input:	Analogue Mic/Line (phantom power)
Mode SHOOT CONTROL:	Optional

*Equipment to be supplied by client: 1x EVS+ XT2 minimum HD 4Ch (Multicam minimum used 11.01.46) (Code Hypermotion 20 inside) (1x EVS Channel Required), 2x EVS Remote (1 for standard functions, 1 for hypermotion) + RS 422 Cables, 1x RJ45 ethernet cable between XT2 to the CCU, Monitoring for Video Shading Engineer, Monitoring for EVS operator (6 screens on his desk). Direct COMMS between EVS operator and Camera Operator (radio).