



RF Pico Move

A brand new camera innovation developed in partnership with Broadcast RF.

The new RF Pico Move is a body mounted Polecam fitted with the highly acclaimed Antelope Pico HFR minicam system (up to 350 fps @ 1080p). The camera CCU, RF Video/Data Systems and batteries are all neatly contained and act as the counterweight. The Polecam system itself uses carbon fibre tubes that slot together to create a reach from 1 metre to 2.2 metres and is fitted with a remote controlled pan/tilt head, creating a simple camera jib.

The RF Pico Move includes a customised RF system incorporating a dual video link for continuous live and replay channels. There

are also data paths for camera control and VT functions on the Pico camera for seamless OB integration.

RF Pico Move allows the operator to freely move around an event venue to follow the action as the drama unfolds; in crowd, on stage, on pitch.

The system is silent in operation and is able to get into tight spots where a traditional camera rig may be problematic. Combined with the high frame rate capability of the camera, RF Pico Move is able to provide unique shots to captivate the live broadcast audience.

Specifications

ANTELOPE PICO	
Image Sensor	2/3 CMOS
Maximum Frame Rate	350fps at 1080p, 520fps at 720p
Number of pixels	2048 x 1088
Global Shutter	1/25-1/1000 sec
System Signal Rates	1080i 50, 1080P 25/50, 720P 50, 10 bit
Bit Depth	10bit
Signal to Noise Ratio	58db (Y) nominal gain
Light Sensitivity ISO	640ASA
Light Sensitivity LUX	1500 @f8.0/0dB gain
Iris Operation	Direct OCP Iris Control
Lens Mount	C-Mount
Memory	8Gb
Dimensions of camera	35mm x 43mm x 160mm
Weight of camera	380g
VIDEO LINK	
Dual Video link	1 x Live Feed, 1 x SloMo-Replay Feed
Modulation	LMS-T, DVB-T
Channel Bandwidth	2 x 10 MHz (LMS-T), 2 x 8 MHz (DVB-T)
Tuning Range	1.98-2.7 GHz 3.2-3.9 GHz, 6.8-7.5 GHz
Bit Rate (per video channel)	20 MBit/s (LMS-T), 16 MBit/s (DVB-T)
1 frame + up to 1 frame for frame lock	

DATA LINK

Channel Bandwidth	12.5 kHz
Tuning Range	403-473 MHz



in partnership

