Revolution Motor Drive System

The Revolution Motor Drive System is used in conjunction with the FIZ system to provide electronic pan and horizon control. The system is comprised of two motors and brackets for the dual-swivel PL mount. The drive motors have very high stiffness and zero backlash. This allows the unit to provide precise control even with the heaviest PL mounted prime lenses. Eccenters allow fine meshing adjustment between the lens and motor gears. An additional set of motor brackets is available for the mini-PL mount.

A new "Snorkel" software upgrade has been made for the FIZ Hand and Motor Drive units. This software allows for operation in both Normal and Snorkel modes. The Snorkel mode interlocks the iris and zoom channels to maintain a constant horizon angle while the lens is panned. The Pan is controlled by a Micro Force zoom control, while the remaining MDR channels control Horizon angle and Focus. Maximum pan speed is $360^\circ /3.3$ seconds.

Order Information

P/N 4800 Revolution Motor Drive System incl. Pan and Horizon Motors and Brackets.