

# FLYLINE ULTRA

## RENTAL COSTS

FLYLINE WITH RONIN 3 AXIS GIMBAL	\$900.00
GHOSTEYE WIRELESS VIDEO SYSTEM	\$375.00
7" MUST HD MONITOR	\$100.00
BARTECH WIRELESS FOLLOW FOCUS	\$125.00
REMOTE HEAD OPERATOR*	\$900.00
TROLLEY OPERATOR*	\$700.00
FUEL SURCHARGE (INSIDE THE ZONE)	\$ 25.00
MILEAGE & FUEL (OUTSIDE THE ZONE PER MILE)	\$ 1.25
TELEX WIRELESS HEADSETS	\$250.00

\*TECHNICIANS ARE REQUIRED AND PROVIDED BY THE CRANE GUY .  
TECHNICIANS ARE PORTAL TO PORTAL WHEN TRAVELING WITH EQUIPMENT.  
LABOR RATES ARE BASED ON A 10 HOUR DAY.  
ALL RATES LISTED ARE PER DAY. FOUR DAY WEEKS ON THE GEAR ARE  
AVAILABLE DEPENDING ON LENGTH OF PROJECT.  
TRAVEL RATES ARE 50% OF LISTED PRICES.  
MILEAGE AND FUEL ARE NEGOTIABLE.  
PLEASE SEE "RENTAL TERMS" SHEET FOR ALL OTHER INSURANCE  
REQUIREMENTS, CANCELLATION FEES, CLEANING FEES AND PAYMENT TERMS.

FlyLine zipline cable cam is controlled wirelessly via a joystick controller with a range of 3,000 feet (far greater than the max FlyLine run) The 8mm Dyneema is rated at 13,700lb breaking strength. When stretched out to 330 feet and the FlyLine hung on the Dyneema, expected tension on the rope shall be less than 1,500 lb leaving a safety factor of just over 9.0. Large trees, very strong scaffolding, light poles or other firmly fixed objects can be used as anchor points. Provided the objects can withstand 300-1,500lb of pulling tension at the rope connection point (depending on cable length). The longer the cable length the higher the tension on the cable must be. At a length of 650 feet it should be tensioned up to 1000lb. The FlyLine systems employ a DC motor on the trolley to “drive” along the cable. They are able to drive up a slope of slightly over 15 degrees at weight of around 30lb. They can travel on a level slope at up to 50 lbs all up weight. Power is provided by on-board lithium polymer battery packs. It is possible to reach speeds of up to 45mph on an unsloped cable or move as slow as 6’ per minute for smooth slow motions.

**Trolley Weight w/Ronin: 11 lbs (with batteries and gyros)**

**Max. camera weight: 16 lbs**

**Max. all up weight: 50 lbs**

**Max. speed: 45mph**

**Max. cable slope: 15% grade**

**Operating voltage: 11-16vdc**

**Max amps: 50A**

**Weight of Ghost-Eye Transmitter: 12 ounces**

**Weight of M-One Focus Motor: 11 ounces**

**The Normal Trolley, Ronin and Camera Package weight is about 30 lbs.**

## LINE LENGTHS CONVERSIONS

METERS	YARDS	FEET
200	218	656
175	190	570
150	165	492
125	136	410
100	109	328
75	82	246
50	54	164
25	27	82
10	11	32

## LINE LENGTHS AND TENSION EXAMPLES BASED ON A 30 LB PAYLOAD

LINE LENGTH IN FEET	SAG	TENSION IN LBS
650'	3.2'	1500
500'	2.5'	1500
450'	2.2'	1500
400'	2'	1500
350'	1.75'	1500
300'	1.5'	1500
250'	1.25	1500
200'	1'	1500
150'	1'	1125
100	1'	750
50'	1'	375

**IF THE MOUNTING POINTS CANNOT SUPPORT 1500 LBS OF TENSION YOU CAN DECREASE THE TENSION AND INCREASE THE AMOUNT OF SAG.**