

# Motion Amplification® in Color

Now Available as a Camera Add-On to the Iris M



The world's first non-contact Motion Amplification® software platform.

## SPECIFICATIONS



### SAMPLE RATE

180 fps in HD, up to 1,300 fps at reduced resolution

### AMPLIFICATION FACTOR

1-500x

### FREQUENCY RANGE

Up to 5,400 CPM at 180 fps  
Maximum: 39,000 CPM at 1,300 fps with reduced resolution

### MINIMUM DISPLACEMENT

0.02 mil (0.50  $\mu$ m) at 3.3 ft (1m) with 50mm lens, 0.010 mils (0.250  $\mu$ m) at close focus

# Laser Tach Integration

Now Available as a Hardware Add On to the Iris M

## SPECIFICATIONS

### RANGE

Optical: 5 to 200,000 RPM

### ACCURACY

Optical:  $\pm 0.01\%$  of reading  
Contact:  $\pm 0.05\%$  of reading (rpm)

### CAMERA SYNC RANGE

5 RPM - 7500 RPM at Full Frame

### RESOLUTION

0.001 to 10 RPM (range dependent)

### TOTALIZER

1-999,990

### ENVIRONMENTAL

Optical:  $\pm 0.01\%$  of reading  
Contact:  $\pm 0.05\%$  of reading (rpm)

### OPERATING RANGE

2 inches to 25 feet\*,  $\pm 70^\circ$

### POWER

(2) "AA" 1.5 VDC batteries (30 hours)

### MEMORY

Maximum, Minimum and Last reading

