

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 (0.25 μ m) at 3.3 ft (1m) with 50mm lens, 0.005 mils (0.125 μ 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

