

Camera: Sony alpha 7RII
FF sensor = (36mm x 24mm)
HD = 1920 x 1080
Lens = 24mm
Distance = 3.66m
Pixel Density = 350 pix/m
Exposure = 1/50s
Running speed = 12km/h
Angle 30° => $12\text{km/h} \times \sin 30^\circ = 6\text{km/h}$
Blurriness = 11.7 pixels

Motion blur @ 1/50s (20ms)