

VFR LIGHTBOARD

WHAT ARE THE KEY BENEFITS OF THE VFR LIGHTBOARD?



Verified speed & timing calculations



Accurate margin of error to the millisecond



Simple consistent methodology



Easily create court-ready reports, charts



Two-year calibration certificate

Obtain Frame Timing from any surveillance camera to use in speed calculations

The growing availability of video evidence has created significant opportunities for accident reconstructionists who want to measure distance and timing for the purpose of calculating vehicle speeds, especially in pre-impact conditions where no physical evidence is available on the scene.

However, video evidence from surveillance systems is not always what it appears to be. Timing is often inaccurate, frame rates are often misidentified and misleading, and the method of counting frames while assuming a consistent frame rate has led many investigators to produce inaccurate measurements. It is not uncommon to see comprehensive scientific presentations get entirely dismissed over a single critical element, like misrepresenting speed through a frame rate calculation.

The new Variable Frame Rate (VFR) Lightboard provides an easy workflow to ascertain the frame timing from any surveillance camera device within a reported margin of error.

HOW DOES THE VFR LIGHTBOARD WORK?

Frame rates inside a video file are often incorrect, which is why relying on frame rates or other timing metadata to calculate speeds can produce inaccurate measurements.

In addition, driving a test vehicle through the scene to compare the test recording with the original footage is often an unreliable

methodology due to the variability of frame timing in surveillance systems. The VFR Lightboard provides simple, fast, and accurate methodology for determining the time element when calculating vehicle speeds from video to a defined margin of error.

PRECISELY DEFINED MARGIN OF ERROR

The VFR Lightboard provides a range of time that a vehicle was traveling to a minimum and maximum with a precisely defined margin of error. The iINPUT-ACE Overlay Tool provides an excellent method to produce a distance calculation from the same surveillance video, making iINPUT-ACE an end-to-end solution for calculating timing and distance for speed calculation.



iINPUT-ACE
SOLVING VIDEO EVIDENCE CHALLENGES

Visit <https://demux.co.uk/input-ace-vfr-lightboard/> for more information.