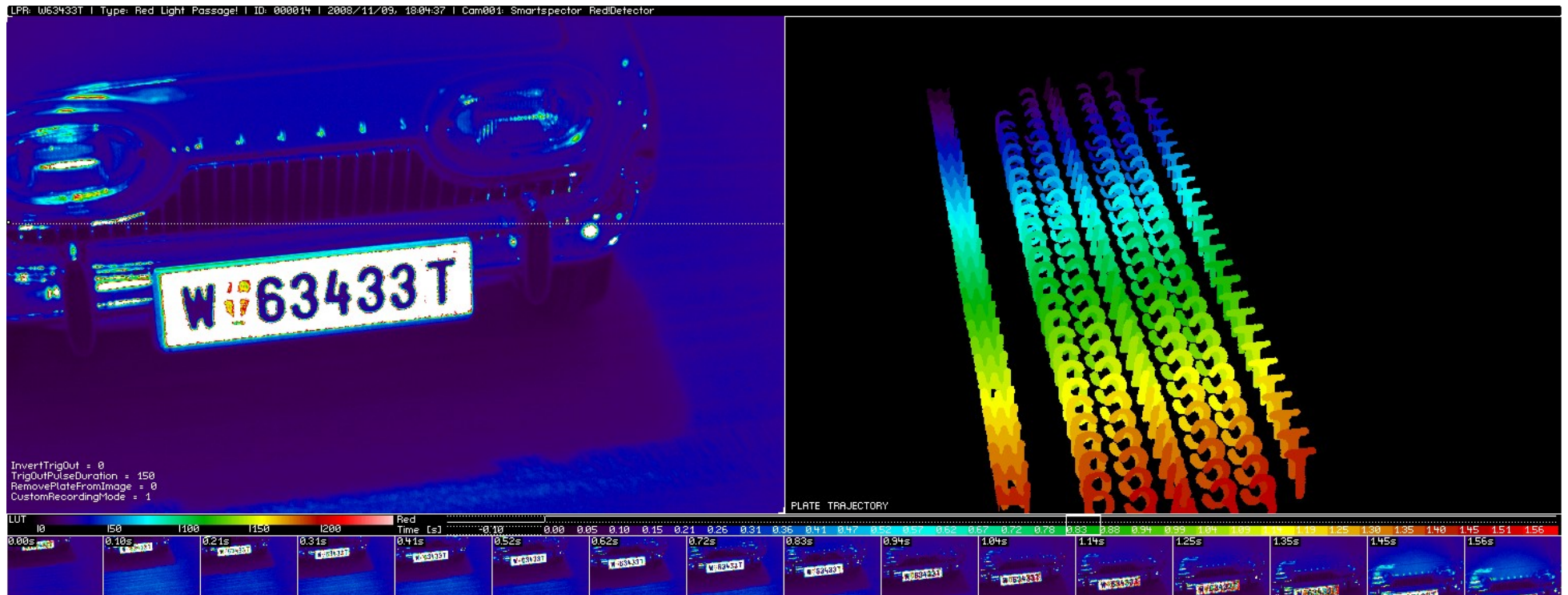


SMARTSPECTOR Red!Detector® Image sample of patented measurement principle and passage visualization



Text bar (top): ANPR-result, passage type, consecutively numbered passage ID, date and time, camera name.

Photo (lefthand picture, below text bar): full-size raw image, overlaid nominal stop line and user configuration; the orientation of the stop line - starting point left or right - defines the default passage direction. The white rectangle within the legend's timing diagram marks the recording time of the presented photo.

Trajectory (righthand picture, below text bar): The segmented symbols of the number plate are colour-coded in a time-dependent manner. According to the legend's timing diagram, each vehicle position is chronologically related to the redlight status. The higher the current velocity, the larger is the gap between two consecutive symbol positions. Ascending distances relative to the local symbol size represent a speedup whereas decreasing distances indicate a slowdown of the car. The shown passage proceeded with an approximately constant, moderate speed.

Legend (below photo and trajectory): The LUT (LookUp Table) maps false colours to brightness-values 0 ... 255 to improve the distinguishability of poor differences in brightness. The timing diagram establishes a precise chronological reference between the stop light and the vehicle position.

Index images (bottom): A photorealistic sequence of small images with an individual time-stamp supplements the descriptiveness of above image data.



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