

Florida Traffic Infraction Detector Equipment and Testing Compliance Matrix
 (Derived from December 16, 2010 Equipment and Testing Specifications)

Date: 3/1 May/2018

Manufacturer:

American Traffic Solutions

Authorized Official Name (print):

Ken Youngs

Item, Model No.:

AutoPatrol RLSC-3D

Signature:

[Signature]

ID No.	Section	Requirement	Item comply? (Yes/No)	Comments
1	1.3.1	TID defines 'Compliant Vehicle' as a motor vehicle that stops behind the stop bar or clearly marked stop line when facing a traffic control signal steady red indication or traveling over the stop bar or clearly marked stop line when facing traffic control signal steady green or steady yellow indications.	Yes	
2	1.3.2	TID defines 'Event' as when a motor vehicle fails to stop behind the stop bar or clearly marked stop line when facing a traffic control signal steady red indication.	Yes	
3	1.3.4	Section 316.003(87), Florida Statutes defines a TID as a vehicle sensor installed to work in conjunction with a traffic control signal and a camera or cameras synchronized to automatically record two or more sequenced photographic or electronic images or streaming video of only the rear of a motor vehicle at the time the vehicle fails to stop behind the stop bar or clearly marked stop line when facing a traffic control signal steady red light.	Yes	
4	2.1	TID captures an Event with a single vehicle in a single through lane.	Yes	
5	2.2	TID captures an Event with a single vehicle in a single through lane with the presence of multiple compliant vehicles in the same lane.	Yes	
6	2.3	TID captures an Event with a single vehicle in a single through lane with the presence of multiple compliant vehicles in the same and adjacent through lanes.	Yes	
7	2.4	TID captures multiple Events with multiple vehicles in a single through lane.	Yes	
8	2.5	TID captures multiple Events with multiple vehicles in the same and adjacent through lanes.	Yes	
9	2.6	TID meets the requirements of Sections 2.1 - 2.5 for left turn lane Events.	Yes	
10	2.7	TID is capable of identifying Events where the speed of a single vehicle or multiple vehicles making a right turn on red is more than a configurable threshold speed. Speed is in miles per hour.	Yes	
11	3.1	TID captures and stores photographic or electronic image of the intersection that includes the rear of the vehicle and license tag at a time the vehicle is in advance of the stop bar or clearly marked stop line with the corresponding traffic control signal steady red light visible in the image.	Yes	
12		TID captures and stores photographic or electronic image of the intersection that includes the rear of the vehicle and license tag at a time the vehicle is beyond the stop bar or clearly marked stop line with the corresponding traffic control signal steady red light visible in the image.	Yes	
13		If Right Turn on Red events are enforced, TID captures and stores a minimum of 5 seconds of streaming video of the intersection that includes the rear of the vehicle and license tag beginning at a time the vehicle is in advance of the stop bar or clearly marked stop line with the corresponding traffic control signal steady red light and ending at a time after the vehicle is beyond the stop bar or clearly marked stop line with the corresponding traffic control signal steady red light.	Yes	
14		At least one of the two photographic or electronic images of the license tag, including license tag state, number and specialty logo (if applicable), is clearly legible. The viewable images have a minimum pixel resolution of 640 by 480.	Yes	
15		The video has a minimum pixel resolution of 320 by 200 with a minimum frame rate of 5 frames per second.	Yes	
16		TID includes protective measures to prevent modification or unauthorized manipulation of captured and stored photographic or electronic images and video.	Yes	
17		TID does not capture nor store any front photographic or electronic images or videos of vehicle occupants.	Yes	

