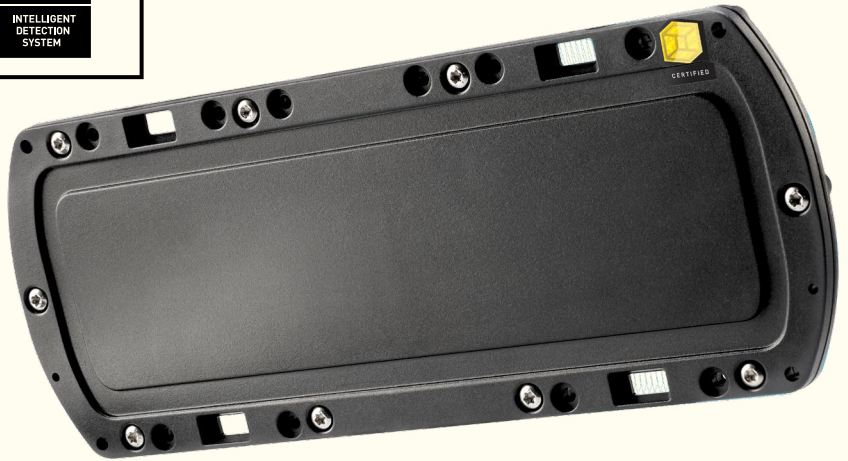
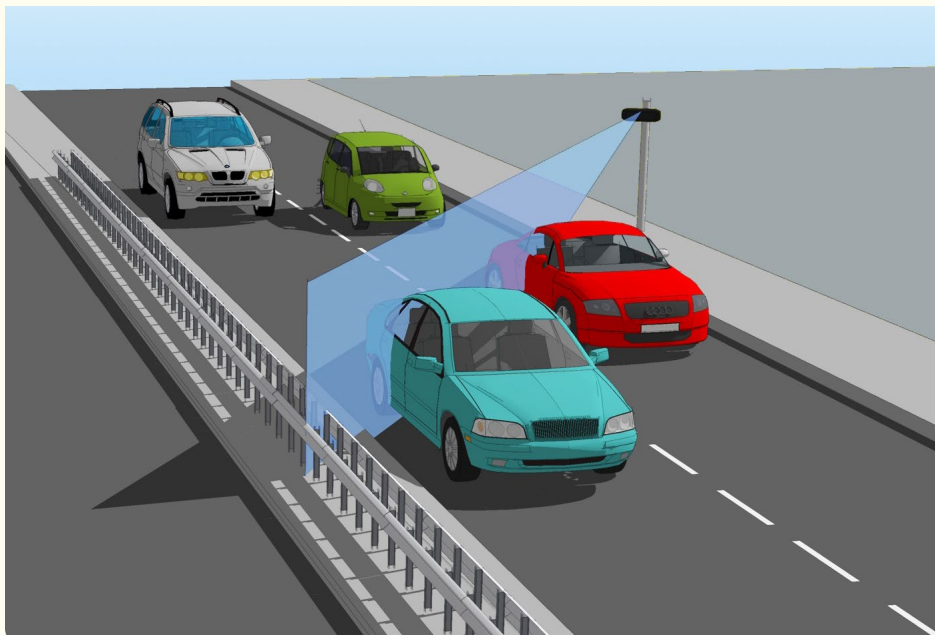


This product has been designed specifically to measure the speed of passing vehicles for enforcement purposes. The 340 CW Doppler radar operates in the 24GHz band. It is suitable for many national requirements.

- Vehicle speed enforcement radar detection
- Technically advanced detection platform
- Fixed and mobile deployment options
- Proven reliability



SPEED ENFORCEMENT RADAR TRAFFIC DETECTOR



FEATURES

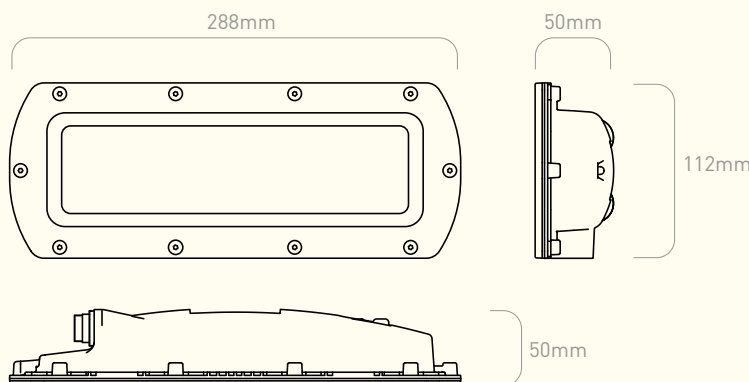
- Market leading speed measurement Doppler vehicle radar
- Speed measurement from 20kph to 300kph across multiple lanes
- Custom designed planar antenna
- Ease of integration into host system
- High speed RS422 serial communications to host equipment
- Can discriminate between approaching and receding traffic

SPECIFICATIONS


Technology	CW Doppler Radar
Radiated Power	<100mW eirp
Mounting	Flange fixings or tripod mount
Mounting Height	1 - 3.5m nominal
Housing Material	Black polycarbonate
Sealing	IP66
Operating Temp	-25° C to +60° C
Power	2.4 - 2.6W @ 24Vdc
Power Supply	9-30Vdc
Approved to:	ETSI EN 301489 BS EN 50293 ETSI EN 300 440 FCC CFR47 (Part 15.245) AS/NZS 4268

DIMENSIONS:

Weight: 800g



340 TESTING PROCESS

	TEST EQUIPMENT:	TRITON™	
	PRODUCT TEST:	340 344	
	TEST FUNCTION:	<ul style="list-style-type: none"> • Full enforcement speed simulation • Certified speed range 20-300 kph • Simulated speed accuracy <100ppm • Test cycle time 9 minutes 	

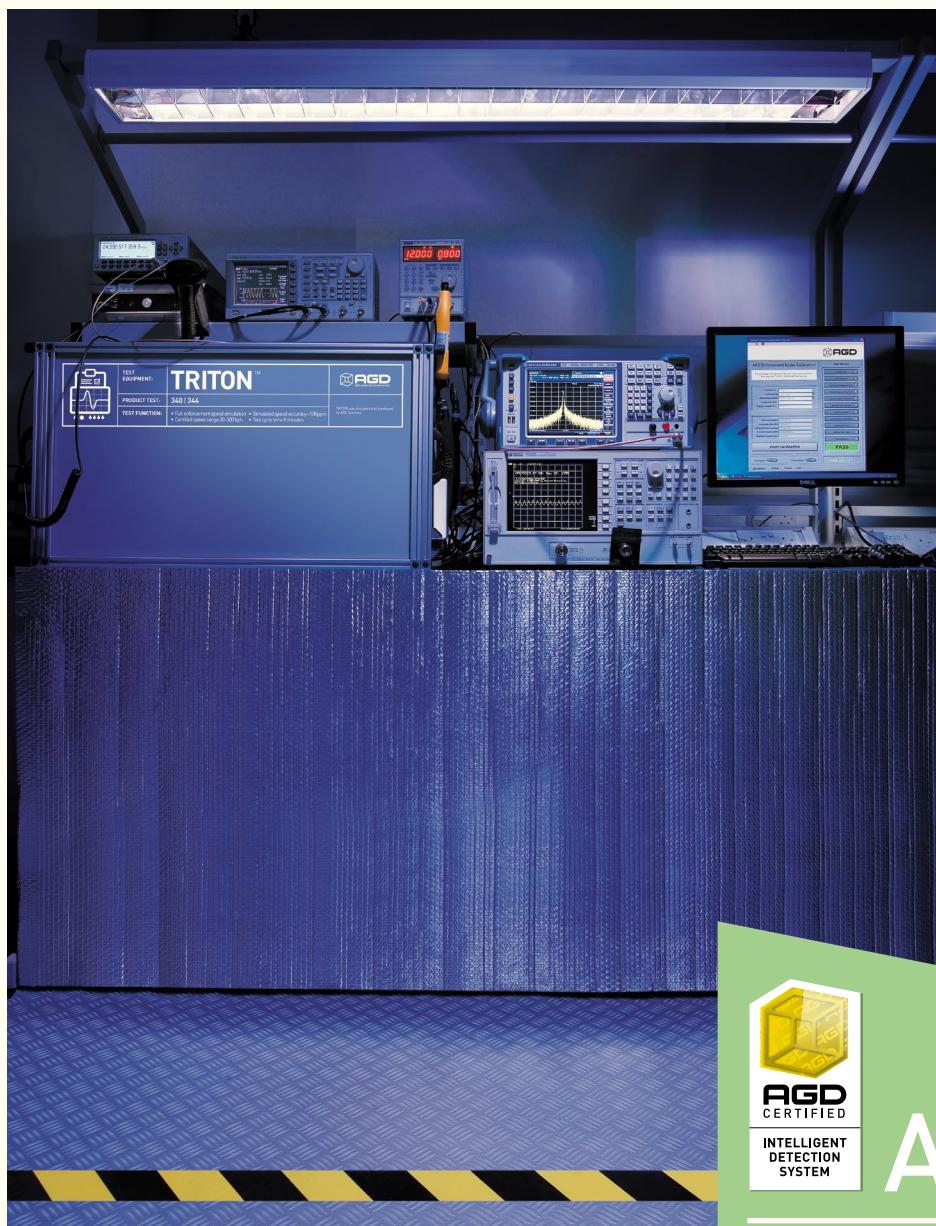
Triton™ is a bespoke set of test equipment designed and developed by AGD Systems. It is dedicated to the testing of the 340 speed enforcement radar detector range and 100% of these units manufactured at AGD are Certified by Triton.

The key test functions performed by Triton to Certify the premium performance of your Intelligent Detection System are:

- Full target speed simulation traceable to a National Standard >400kph
- Certified speed range 20-300kph
- Simulated speed accuracy <100ppm
- Optimisation of frequency signals
- Transmitted radar power and frequency measurement
- Target image rejection optimisation
- Radar signal to noise level measurement
- >15hr hour burn-in
- Test cycle time 9 minutes

The AGD designed full enforcement radar target simulator which forms part of the Triton test equipment enables reliable simulation of the complete enforcement range of vehicle speeds in rapid succession during the test process. This provides full control of simulated targets' signal size, speed and direction.

The Triton test cycle provides a certified speed range of 20-300kph with a simulated speed accuracy of less than 100ppm.



Optimisation of frequency signals on Triton ensures full compatibility with different country requirements within the 24GHz radar operating band.



ACCURATE

The Triton test cycle provides a certified speed range of 20-300kph with a simulated speed accuracy of less than 100ppm

LIFETIME PRODUCT TRACEABILITY

There are clearly defined pass and fail criteria at all stages within the Triton test process. The test results in association with the product build revision are recorded on a product serial number basis. The full suite of test measurements is instantly sent to the dedicated product database within the AGD secure server facility, providing full traceability during the product lifetime.

The AGD Certified symbol is your mark of assured performance.

AGD Systems Limited

White Lion House, Gloucester Road
Staverton, Cheltenham
Gloucestershire, GL51 0TF, UK

T: +44 (0)1452 854212
E: sales@agd-systems.com
W: agd-systems.com

