



SPECIFICATIONS	
Description	Highway Monitoring Radar
Technology	24GHz FMCW Radar
Mounting	Pole, portal gantry, MS3, MS4 or other structures
Mounting Height	6 metres nominal
Range	2-100 metres
Speed Range	5-250 kph
Housing Material	Black Polycarbonate / Aluminium
Sealing	IP66 & NEMA 250 4X
Operating Temp	-34°C to +74°C
Power	6 W @ 24Vdc
Power Supply	12 - 24V dc
Configuration	AGD Align Setup Tool
Dimensions	W 113.1mm x D 70mm x L289.1mm
Radar Output	RS422
Weight	1400g
Approvals	EMC: BS EN 50293:2012, EN 301 489 Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 440 RoHS: EN 50581 Other: FCC CFR47 Part 15.245, NEMA TS 2 2016

APPLICATIONS

- Flow monitoring solution for multi-lane real-time data
- Traffic Profiling and Incident Detection
- Ten lane highway capability



Owing to the Company's policy of continuous improvement, AGD Systems Limited reserves the right to change their specification or design without notice. AGD products should be installed by a competent person.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference, that may cause undesired operation. See 47 CFR Sec. 15. 19

A separation distance of at least 20 centimetres should normally be maintained between this product and the body of users or nearby persons.

Changes or modifications to this equipment, not expressly approved by AGD Systems Ltd, may void the user's authority to operate this equipment.

PRODUCT VARIANTS	
343-500-000	Highways Monitoring Radar 12/24V dc
343-501-000	Highways Monitoring Radar 12/24V dc, FCC Freq 24125.0MHz
343-505-000	Enforcement Radar 12/24V dc 24.25 GHz / Multi Lane

