



SPECIFICATIONS	
Description	Multi Lane Radar
Detection Technology	4D-MIMO-RADAR
Operating frequency	24.05 - 24.25GHz
Target Tracking	Movement, Velocity, Direction, Distance, Angle, Presence
Speed Measurement	Up to 233kph
Range	Bike: 5m - 130m Car: 5m - 300m Truck: 5m - 300m
Multi-lane coverage	110°x30°, 4° angular resolution in azimuth boresight
Interfaces:	Ethernet interface, RS485 Up to 32*OPTO outputs when using additional I/O interface cards
Power Supply	24 - 48V dc
Power	373mA / 19W @48V dc
Sealing	IP67
Operating Temp	-40°C to 80°C
Configuration	Traffic Manager Software
Dimensions	W 270mm x D 47mm x H 102mm
Weight	1000g
Testing	Full test cycle
Approvals:	CE Declaration of Conformity UKCA NEMA TS 2 Referring to temperature and vibration. EMC (Art 3.1(b)): EN50293:2012 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.3.2 Health & Safety (Art 3.1(a)): DIN EN IEC 62311:2019 DIN EN IEC 62368-1:2021 Spectrum (Art 3.2): ETSI EN 300 440 V2.1.1 ROHS EN IEC 63000:2018

APPLICATIONS

- Junction Control
- Sixteen lane 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.

