



SPECIFICATIONS	
Description	In-Sign Radar Traffic Detector
Technology	FMCW Doppler Radar
Frequency	24.15GHz to 24.25GHz (EU) / 24.075GHz to 24.175GHz (FCC)
Mounting Height	2–5m nominal (optimum 3m)
Range/Zone	Up to 180m (dependent on sign mounting and user selection)
Low Speed Threshold	4kph – 160kph / 11kph – 160kph dependent upon variant
Direction	Advance / Recede / Bidirectional
Operating Temp	–20°C to +60°C
Power Supply	5.5/15Vdc
Current	Standard Variant: Detect: 15.6mA nominal @12Vdc Non-Detect: 11.2mA nominal @12Vdc Low Speed Variant: 27.8mA nominal @12Vdc
Product Mounting	4 off ø4mm mounting holes
Product Finish	Open PCB finish for mounting inside sealed enclosures
Detect Outputs	x2 FET Switched / x1 RS232
Weight	100g nominal
User Adjustments	<ul style="list-style-type: none">Range via rotary switch 3 or RS232Low speed threshold via rotary switch 1 or via RS232KPH or MPH via RS232Full configuration of all parameters via RS232
Approvals	EN 301 489, EN 50293, EN 300 440, FCC CFR47 Part 15.245, RSS–210, AS/NZS 4268

APPLICATIONS

- Sign Activation – Speed
- Sign Activation – Warning



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

PRODUCT VARIANTS	
331-102-000	In sign radar/12V/24.2GHz/RS232/No connection cables
331-103-000	In sign radar/12V/24.125GHz/RS232/No connection cables (FCC)
331-105-000	In sign radar/12Vdc / 24.2GHz / RS232 / Low-Speed / No connection cables
331-106-000	In sign radar/12V / 24.125GHz / RS232 / Low-Speed/ No connection cables (FCC)