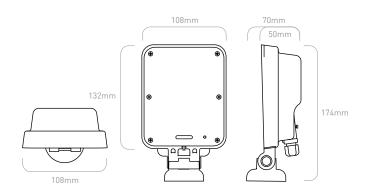


DATA SHEET AGD326



Technology 24GHz FMCW radar Channel Four selectable via WiFi Band Width 70 MHz Detection Range Up to 24m across the crossing (Im increments) Detection Width Up to 10m (Im increments) Low Speed Threshold 15kph Mounting Height 2-4m (3m nominal) Power Supply 12/24Vac/DC, 42Vac or 230Vac I6W @ 24Vac @ 66mA 22W @ 230Vac @ 10ImA 21W @ 42Vac @ 50mA 21W @ 42Vac @ 50mA WiFi Frequency Frequency range (MHz): 2412-2472 Detect Output Single Opto (or relay) LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety: BS EN 62388, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 3440 Complies with Spectrum: EN 300 328,		
Technology 24GHz FMCW radar Channel Four selectable via WiFi Band Width 70 MHz Detection Range Up to 24m across the crossing (Im increments) Detection Width Up to 10m (Im increments) Low Speed Threshold 15kph Mounting Height 2-4m (3m nominal) Power Supply 12/24Vac/DC, 42Vac or 230Vac I6W @ 24Vac @ 66mA 22W @ 230Vac @ 10ImA 21W @ 42Vac @ 50mA 21W @ 42Vac @ 50mA WiFi Frequency Frequency range (MHz): 2412-2472 Detect Output Single Opto (or relay) LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety: BS EN 62388, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 3440 Complies with Spectrum: EN 300 328,	SPECIFICATIONS	
Channel Four selectable via WiFi Band Width 70 MHz Detection Range Up to 24m across the crossing (Im increments) Detection Width Up to 10m (Im increments) Low Speed Threshold 1.5kph Mounting Height 2-4m (3m nominal) Power Supply 12/24Vac/DC, 42Vac or 230Vac 16W @ 24Vac @ 66mA 2.2W @ 230Vac @ 10.ImA 2.1W @ 42Vac @ 50mA WiFi Frequency Frequency ange (MHz): 2412-2472 Detect Output Single Opto (or relay) LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293-2012, EN 301 489-17, EN 301 489-15 Health & Safety. BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Description	Pedestrian/Cycle Detector
Detection Range	Technology	24GHz FMCW radar
Detection Range Up to 24m across the crossing (1m increments) Detection Width Low Speed Threshold 1.5kph 2-4m (3m nominal) Power Supply 12/24Vac/DC, 42Vac or 230Vac 1.6W @ 24Vac @ 66mA 2.2W @ 230Vac @ 10.ImA 2.IW @ 42Vac @ 50mA WiFi Frequency Frequency range (MHz): 2412-2472 Detect Output Single Opto (or relay) LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing P56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup MOBE MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-51 Health & Safety; BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 4440 ROHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Channel	Four selectable via WiFi
Detection Width Up to 10m (Im increments) Low Speed Threshold 1.5kph Mounting Height 2-4m (3m nominal) Power Supply 12/24Vac/DC, 42Vac or 230Vac 16W @ 24Vac @ 66mA 2.2W @ 230Vac @ 10.1mA 2.1W @ 42Vac @ 50mA 2.1W @ 42Vac @ 50mA WiFi Frequency Frequency range (MHz): 2412-2472 Detect Output Single Opto (or relay) LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety; BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 ROHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Band Width	70 MHz
Low Speed Threshold 1.5kph	Detection Range	Up to 24m across the crossing (1m increments)
Mounting Height 2-4m (3m nominal) Power Supply 12/24Vac/DC, 42Vac or 230Vac 16W @ 24Vac @ 66mA 22W @ 230Vac @ 10.1mA 2.1W @ 42Vac @ 50mA Wifi Frequency Frequency range (MHz): 2412-2472 Detect Output Single Opto (or relay) LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHs: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Detection Width	Up to 10m (1m increments)
Power Supply 12/24Vac/DC, 42Vac or 230Vac	Low Speed Threshold	1.5kph
1.6W @ 24Vac @ 66mA 2.2W @ 230Vac @ 10.1mA 2.1W @ 42Vac @ 50mA	Mounting Height	2-4m (3m nominal)
Power 2.2W @ 230Vac @ 10.1mA 2.1W @ 42Vac @ 50mA WiFi Frequency Frequency range (MHz): 2412–2472 Detect Output Single Opto (or relay) LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 ROHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Power Supply	12/24Vac/DC, 42Vac or 230Vac
Detect Output Single Opto (or relay) LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Power	2.2W @ 230Vac @ 10.1mA
LED Indication Front LED for detect Rear LED for detect and WiFi connection Housing Material Polycarbonate Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489–17, EN 301 489–1, EN 301 489–51 Health & Safety: BS EN 62368, EN 60950–22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	WiFi Frequency	Frequency range (MHz): 2412-2472
Polycarbonate Polycarbonat	Detect Output	Single Opto (or relay)
Sealing IP56 & NEMA 250 4X Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHs: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	LED Indication	Front LED for detect Rear LED for detect and WiFi connection
Operating Temperature -34° C to +74° C Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Housing Material	Polycarbonate
Configuration WiFi AGD Touch-setup Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489-17, EN 301 489-1, EN 301 489-51 Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Sealing	IP56 & NEMA 250 4X
Weight 650g MTBF 20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489–17, EN 301 489–1, EN 301 489–51 Health & Safety: BS EN 62368, EN 60950–22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 ROHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Operating Temperature	-34° C to +74° C
20yrs based on field data of prior generation radar for 10,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489–17, EN 301 489–1, EN 301 489–51 Health & Safety: BS EN 62368, EN 60950–22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Configuration	WiFi AGD Touch-setup
DO,000 units installed over 3 years EMC: BS EN 50293:2012, EN 301 489–17, EN 301 489–1, EN 301 489–51 Health & Safety: BS EN 62368, EN 60950–22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	Weight	65Og
Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581 Other: TOPAS 2506A, AS/NZS 4268 NEMA TS 2 2016	МТВБ	, ,
Specification TOPAS 2506A	Complies with	Health & Safety: BS EN 62368, EN 60950-22, EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581
	Specification	TOPAS 2506A

APPLICATIONS

- Pedestrian On-Crossing Detection
- Cyclist / Pedestrian On-Crossing Detection



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	
326-300-021	On-crossing radar/230V/24 GHz/relay output/5m lead
326-500-021	On-crossing radar/12-24V/24 GHz/Single Opto output/1m lead + mating lead
326-503-021	On-crossing radar/12-24V/24 GHz/Single Opto output/5m Flying lead
326-504-021	On-crossing radar/12-24V/24 GHz/Single Opto output/1m lead + 4m mating lead
326-505-021	FCC On-crossing radar/12-24V/24 GHz/Single Opto output/5m Flying lead
326-700-021	On-crossing radar/42Vac/24 GHz/Single Opto output/5m Flying Leads



















