AGD® AUSTRALASIA

SAFER
GREENER
MORE EFFICIENT

SPECIFICATIONS

Description	Pedestrian/Cycle Detector
Technology	24GHz FMCW radar
Channel	Four selectable via WiFi
Band Width	70 MHz
Detection Range	Up to 24m across the crossing (1m increments)
Detection Width	Up to 10m (1m increments)
Low Speed Threshold	1.5kph
Mounting Height	2–4m (3m nominal)
Power Supply	12/24Vac/DC, 42Vac or 230Vac
Power	1.6W @ 24Vac @ 66mA 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
Complies with	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
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